COLLEGE MISERICORDIA

1924-1999 75th Anniversary

Undergraduate Catalog 1999-2000

Emerging Marble sculpture by Jay J. Dugan, a gift of the artist

College Misericordia Academic Catalog

Undergraduate Studies

Effective August, 1999

COLLEGE MISERICORDIA
1924-1999 75th Anniversary

Contacts

For more information on particular aspects of College Misericordia, contact the people listed below at 570-674-6400 between 8:30 a.m. and 4:30 p.m. Other College personnel are listed in the College Directory section of this catalog. All mail to College Misericordia faculty and administration may be addressed to College Misericordia, 301 Lake Street, Dallas, PA 18612-1098.

Academic Affairs	Dr. Mary Glennon, RSM *Vice President of Academic Affairs and Dean of the College*
Admissions/Financial Aid	Jane Dessoye *Executive Director of Admissions and Financial Aid*
Athletics	Dr. Michael Mould *Director of Athletics*
Business Matters	John Risboskin *Vice President of Finance and Administration*
Adult Education and Community Service	Thomas J. O'Neill *Director of Adult Education*
Institutional Advancement	Susan M. Helwig *Vice President of Institutional Advancement*
Learning Resource Center	Jackie Ghormoz *Director*
Registrar's Office	Edward Lahart *Registrar*
Religious Life	Reverend Michael Bryant *Chaplain and Director of Campus Ministry*
Student Life	Jean Messaros, RSM *Dean of Students* Kathleen Foley *Assistant Dean of Students*
The Diversity Institute	Dr. Linda Trompetter *Special Assistant to the President for Diversity*
The Ethics Institute	Reverend Michael Bryant *Director*
Institute of Law and Religious Life	Dr. Cecilia Meighan RSM *Executive Director*
Institute on Sacred Scripture	Dr. Noel Keller, RSM *Director*

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Policy Statements

This catalog contains current information regarding College Misericordia's calendar, admissions policies, degree requirements, fees and regulations. College Misericordia reserves the right in its sole judgment to promulgate and change rules and regulations and to make changes of any kind in its programs, calendar, admissions policies, procedures and standards, degree requirements and fees whenever it is deemed necessary or desirable, including changes in course content, the rescheduling of classes, and cancellation of scheduled classes and other academic activities.

College Misericordia accords students of any race, color, religion, sex, nationality or ethnic origin all the rights, privileges, programs and activities generally made available to students of the College. College Misericordia does not discriminate on the basis of race, age, color, disability, religion, gender, nationality, marital status, sexual orientation or ethnic origin in the administration of its educational policies, admissions policies, scholarship and loan programs, athletic or other College-administered programs.

College Misericordia complies with the Family Education Rights and Privacy Act of 1974 as amended. A copy of the Act is available for inspection in the office of the Vice-President of Academic Affairs.

The College does not discriminate on the basis of disability in its hiring or employment practices. This notice is provided as required by the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973.

Mission Statement

College Misericordia is a Catholic, liberal arts-based, co-educational college. It was founded in 1924 and it is sponsored by the Religious Sisters of Mercy. The college offers both undergraduate and graduate programs. In 1978, the Board of Trustees approved a mission statement that notes the nature and purpose of the College, and in 1994 it was revised as follows:

> College Misericordia, a co-educational Catholic college sponsored by the Sisters of Mercy of Dallas, is committed to providing quality education to its students and to shape its educational programs and policies so as to express the founding Sisters' values and attitudes of mercy, service, justice and hospitality. The College welcomes individuals of all faiths.
>
> The educational program is student-focused. Thus the academic development of each student at the undergraduate level depends on the College's commitment to provide a learning experience which cultivates higher order thinking skills through the integration of liberal arts and professional studies. To emphasize academic excellence and to develop critical thinking, all undergraduate curriculum provides a common liberal arts base, the objectives of which are further developed in the students' major area of study. The student's educational program prepares students for productive careers and continued personal and professional growth.
>
> Graduate programs at College Misericordia emphasize intellectual discourse and focused academic growth. The cornerstone of each program is instruction and practice in methods of critical thinking which promote research and enhanced professional expertise.
>
> As part of its comprehensive educational program, the College is committed to providing a wide range of spiritual, physical, recreational, social, and cultural activities in which all members of the college community can participate.
>
> College Misericordia fosters a cooperative environment in which students, faculty, and staff demonstrate personal concern for each individual as a valued member of the College community.

College Misericordia's academic programs are administered by four distinct divisions. The programs offered by each division are listed below:

Division of Behavioral Science, Education, and Business* Fred J. Croop, Chair

Majors
- Accounting, p. 13
- Addictions Counseling, p. 14
- Business Administration*, p. 18
- Elementary Education, p. 29
- Management Information Systems, p. 20
- Professional Studies, p. 77
- Psychology, p. 78
- Social Work, p. 79
- Special Education, p. 39

Minors
- Accounting, p. 82
- Addictions Counseling, p. 82
- Child Welfare Services, p. 83
- Gerontology Services, p. 85
- Management, p. 85
- Marketing, p. 86
- Psychology, p. 87

Certifications
- Addictions Counseling, p. 14
- Child Welfare Services, p. 26
- Early Childhood Education, p. 37
- Elementary Education, p. 36
- Gerontology, p. 45
- Special Education, p. 39

Specializations
- Addictions Counseling, p. 14
- Child Welfare Services, p. 26
- Gerontology, p. 45
- Management (Business), p. 18
- Marketing (Business), p. 19
- Select (Business), p. 21

Elective areas
- Sociology, p. 90

Division of Health Sciences Catherine Perry Wilkinson, Chair

Majors
- Health Science, p. 45
- Nursing, p. 61
- Medical Imaging, p. 51
- Occupational Therapy, p. 65
- Physical Therapy, p. 71

Minor
- Management, p. 58

This minor is taken with the Medical Imaging major.

Specializations
- Education, p. 57
- Management, p. 58

These specializations are taken with the Medical Imaging major.

The Division of Health Sciences offers professional Master of Science degrees in Occupational Therapy and Physical Therapy, and a post professional Master of Science degree in Nursing. See Graduate Catalog for details.

Division of Humanities Richard Lynch, Chair

Majors	Communications, p. 26 English, p. 41 History, p. 46 General Studies*, p. 44 Interdisciplinary Studies*, p. 48 Philosophy, p. 70 **Program Administered Interdivisionally*
Minors	Communications, p. 84 English, p. 84 History, p. 85 Philosophy, p. 87 Political Science, p. 87 Religious Studies, p. 88 Social Studies, p. 88 Theatre Minor, p. 89 Writing, p. 89
Certification	Secondary Education in English, p. 43 Secondary Education in History, p. 47
Specializations	Pre-Law, p. 76
Elective Area	Religious Studies, p. 90

Division of Mathematical and Natural Sciences Frank DiPino, Chair

Majors	Biochemistry, p. 15 Biology, p. 16 Chemistry, p. 24 Computer Science, p. 28 Mathematics, p. 49 Mathematics/Computer Science (combined major), p. 56 Medical Technology, p. 60
Minors	Biology, p. 82 Chemistry, p. 83 Computer Science, p. 84 Mathematics, p. 86
Certifications	Secondary Education, Biology, p. 17 Secondary Education, Chemistry, p. 25 Secondary Education, Mathematics, p. 50
Specialization	Pre-Dentistry, p. 75 Pre-Medicine, p. 75 Pre-Optometry, p. 75 Pre-Veterinary Medicine, p. 75 *Taken with the Biology or Chemistry major.*
Elective areas	Physics, p. 90

**The major in Business Administration requires a specialization in Management or Marketing. Students may elect an additional specialization or a minor.*

The Division of Behavioral Science, Education, and Business offers Master of Science degrees in Organizational Management, Education and Educational Technology. See Graduate Catalog for details.

Accreditations

College Misericordia was chartered by the State of Pennsylvania on January 31, 1927, and is empowered to grant the following degrees:

Master of Science in Nursing

Master of Science in Occupational Therapy

Master of Science in Physical Therapy

Master of Science

Bachelor of Arts

Bachelor of Science

Bachelor of Science in Nursing

Bachelor of Social Work

Associate of Applied Sciences

College Misericordia is regionally accredited by

Commission on Higher Education Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104, (215) 662-5606

The College is also officially recognized by the following accrediting agencies:

Council on Social Work Education

Department of Education, Harrisburg, Pennsylvania

The Regents of the University of the State of New York

Commission on Higher Education of the Middle States

Association of Colleges and Schools

National League for Nursing Accreditation Commission, 61 Broadway, New York, NY 10006, (800) 669-9656

Commission on College Nursing Education, One DuPont Circle, NW, Suite 350, Washington, DC 20036-1120, (202) 887-6791 (preliminary approval)

Accreditation Council for Occupational Therapy Education, 4720 Montgomery Lane, Bethesda, MD 20814-3425, (301) 652-2682

Committee on Allied Health Education Accreditation of the American Medical Association in collaboration with the Joint Review Committee on Education in Radiologic Technology

Commission on Accreditation for Physical Therapy Education

College Misericordia has legal permission from the Pennsylvania State Board of Nurse Examiners to operate a School of Nursing in the Commonwealth of Pennsylvania. Various other state education departments also recognize College Misericordia's academic programs.

Academic Program Definitions

College Misericordia students are required to fulfill a 48-credit liberal arts core curriculum in addition to the requirements of their chosen major. The core courses provide both a sound educational foundation and a perspective from which to choose a major field or specialized area of study.

College Misericordia's academic programs fall into five inter-related groups: majors, specializations, certifications, minors, and elective areas of study. These program areas are defined below:

Majors	Areas of study in a formal discipline for which a degree is awarded, for example, a Bachelor of Arts degree in History, a Bachelor of Social Work degree in Social Work, or Bachelor of Science degree in Mathematics.
Specializations	Focused programs of extended study closely associated with a specific degree program. Specializations are generally available only to students who have been accepted into the major for the specific degree, for example: B.A./History (Pre-Law) or B.S./Biology (Pre-Medicine).
Certifications	Prescribed programs of study designed to meet requirements of official agencies which recognize the certification as a valid credential, for example, Early Childhood Education certification recognized by the Pennsylvania Department of Education.
Minors	Focused programs of study which involve specific clusters of courses around a general area of study. Minors are not associated with particular degree programs and are therefore open to all students, for example: writing, philosophy, and religious studies.
Elective Areas of Study	Clusters of courses which are not as a group directly associated with a specific degree program. These elective courses are intended to augment the liberal arts background of any interested student, for example: philosophy or sociology.

Academic Program Listings

Specific Degree Programs	In the academic program listings which follow, majors, specializations and certifications are combined into one section and are listed alphabetically by program name. They have been grouped together by virtue of their one common factor, each requires defined course sequences.
Minor Programs	Minors, which are open to all students, may be taken in association with any degree program. Minors involve 15 to 22 credits in specific areas. The minors offered by the College and their course requirements are grouped together under the heading Minor Programs.
Elective Areas	Elective areas of study are briefly described in the section headed Elective Areas of Study.
Course Descriptions	Specific information regarding every course offered by the College may be found in the Course Descriptions section of this catalog the curricula Core Curriculum Requirements

Core Curriculum Requirements

All students, regardless of major, are required to complete a minimum of forty-eight (48) credit hours of core courses. These courses must be taken in accordance with the distribution of credit hours by area of study described below, and must be selected from the list of core course titles on the following page, or from the list of approved substitutes noted below.

Some courses must be taken in sequence, and both semesters of courses which are offered over two semesters must be completed.

Area of Study	*Credits*	*Area of Study*	*Credits*
Economics/Psychology/Sociology*	6	Philosophy	6
English Literature	6	Religious Studies	6
Fine Arts	6	Natural Science	6
History or Political Science	6		
Mathematics**	6		

* Students are required to choose 2 of 3 courses among Economics, Psychology and Sociology.

** All students are required to take six (6) credits of Mathematics, three (3) from Bank I and three (3) from Bank II shown below.

Students are required to choose among the American History, Western Civilization, or Political Science sequences.

Students must take 6 credits in each of the Humanities disciplines: History/Political Science, Literature, Fine Arts, Philosophy and Religious Studies. These 30 credits must also be distributed as follows: 12 credits of courses designated Ancient and Medieval (C); 12 credits designated Modern (M); and 6 credits designated Global/Multicultural (G).

Mathematics Bank I
Determined by Mathematics Program

MTH 120	Mathematical Reasoning
MTH 151	Calculus I
MTH 160	Discrete Mathematics

Mathematics Bank II
Specified by Program

MTH 115	Statistics
MTH 151	Calculus I
MTH 152	Calculus II
MTH 160	Discrete Mathematics

Core Areas	*Required Credits*	*Course Number*	*Course Title*	*Credits*
Behavioral Science	3	PSY 123	Introduction to Psychology	3
		SOC 101	Comparative Sociology	3
		ECO 207	Contemporary Economics	3
English	6	ENG 101C	Lit. of Values: Ancient & Medieval	3
Select any two		ENG 102M	Lit. of Discovery: Modern/Early Modern	3
		ENG 104M	Lit. of Discovery: American Lit.	3
		ENG 108G	African American Lit.	3
		ENG 109G	Modern World Lit.	3
		ENG 111G	Lit. of American Immigrants	3
Fine Arts	6	FA 102C	Cultural Synthesis in Ancient World	3
Take 102 and 104, or take either plus one g/m course		FA 104M	Art, Self, Community in Mod. World	3
		FA 105G	Jazz Age Culture	3
		FA 106G	Voices of Liberation	3
		FA 107G	World Music	3

History/Pol. Sci.	6	HIS 101C	Western Civilization. I	3
Select one sequence		HIS 102M	Western Civilization II	3
		or		
		HIS 103M	U.S. History I	3
		HIS 104G	U.S. History II	3
		or		
		POL 100M	American National Government	3
		POL 103G	Global Politics	3
Mathematics	6	MTH	Mathematics Bank I	3
			Mathematics Bank II	3
Philosophy	6	PHL 101C	Self Images	3
Take 101 and		PHL 102M	Introduction to Ethics	3
select one other		PHL 103M	Informal Logic	3
		PHL 111M	Makers of the Modern Mind (Honors)	3
		PHL 210M	Philosophy of Person	3
		PHL 220M	Philosophy and Literature	3
		PHL 223M	Social Ethics	3
		PHL 257M	Philosophy of Religion	3
		PHL 261G	Philosophy of Women	3
		PHL 270M	Social and Political Philosophy	3
Religious Studies	6	RLS 100C	Biblical Studies	3
Select any two		RLS 104G	World Religions	3
		RLS 106M	Theology and Human Experience	3
		RLS 107G	Women and Spirituality	3
		RLS 112C	Rise of Western Religions	3
		RLS 113M	Theology of the Church	3
		RLS 114C	Intro. to Christian Thought	3
		RLS 115M	Religion in America	3
		RLS 116M	American Catholicism	3
Natural Sciences	6	BIO 103-104	General Biology I & II	6
Select one sequence		BIO 101-102	General Botany & Zoology	8*
		CHM 104-105	General Chemistry and Introduction to Organic Chemistry	8*
		CHM 133-134	Chemical Principles	8*
		PHY 107-108	Introduction to Physics I & II	6
		PHY 221-222	General Physics	8*

* Courses with an asterisk require a stronger background in mathematics and science.

Honors Program

Catherine Forslund, *Director*

The Honors Program is an interdisciplinary learning community based in a common sequence of enriched and intensified core curriculum courses which honors students take in place of the regular core offerings. Honors courses emphasize discussion over lecture relationship between student and faculty.

The Honors Program consists of three components. The first is the alternative 36 credit core sequence in the humanities and social sciences. Students will take natural science and math requirements in the regular core. Honors core courses are integrated along common principles across disciplinary lines. All Honors core courses are listed as "Section 07" and are:

BUS 206	(07)	Microeconomics
ENG 101	(07)	Literature of Values: Ancient and Medieval Literary Texts
ENG 102	(07)	Literature of Discovery: Modern and Early Modern Literary Texts
FA 102	(07)	Cultural Synthesis in the Ancient World
FA 104	(07)	Art, Self, and Community in the Modern World
HIS 101	(07)	History of Western Civilization I
HIS 102	(07)	History of Western Civilization II
PHL 101	(07)	Self-Images
PHL 111	(07)	Makers of the Modern Mind
PSY 123	(07)	Introduction to Psychology
RLS 104	(07)	World Religions
RLS 112	(07)	The Rise of Western Religions

In addition to the core component, the second component requires student participation in the non-credit Interdisciplinary Seminar (HNR 300) which meets 3-4 times per semester. The gatherings involve exploration of a theme or topic chosen by the Honors faculty, in consultation with honors students, that relates to the issues being explored within the honors courses for that semester. The exploration may be a lecture, debate, roundtable discussion, or other presentation by one or more honors faculty member(s) or student(s), or by guest presenters.

The final component of the Program is the Capstone Seminar (HNR 400) which is a senior (or fifth year) contract course which results in student groups creating a professional quality project that integrates their major disciplines and advances their research and presentation skills. The result might be one paper, a collection of papers, or some other high-quality presentation which is given to the college community and prepared for publication. Emphasis is on developing a project after a process of self-directed research and writing under faculty guidance, as well as using the integrative skills that students acquired in the core portion of the honors program. The projects are presented to the College community and published in the honors journal Honorus.

Admission to the program is by invitation to first year students based on their academic record, extra-curricular activities, and evidence of intellectual curiosity. Freshmen and transfer students can determine their eligibility for admission to the program by contacting the program director. To remain in the program, students must maintain a 3.25 GPA in their freshmen and sophomore years and a 3.40 GPA subsequently.

All honors core courses are open to non-honors students with a 3.4 GPA or higher with the professor's approval.

Accounting Major

Division of Behavioral Science, Education, and Business
Fred J. Croop *Department Chair*
Degree B.S./Accounting

Accounting is the language of business that allows different entities to communicate effectively with each other. The accounting profession provides this vital service to management and owners of business firms, investors, creditors, labor unions, government agencies and most importantly to the general public. The curriculum of the College's Accounting major is designed to provide individuals with communication, critical thinking, and analytical skills, as well as the technical proficiency needed to become professional accountants.

The American Institute of Certified Public Accountants and other accounting organizations continually emphasize the value of a broad approach to education. The liberal arts core and business support courses that are required of all accounting majors at College Misericordia address this need and help individuals acquire the necessary skills that will contribute to a productive life and satisfying career. The accounting faculty emphasizes the importance of these abilities in accounting courses that also contain the profession's technical body of knowledge. Accounting courses also integrate an extensive use of microcomputers and standard business software into instruction and student assignments.

In recognizing the importance of writing and speaking across the curriculum, the major uses the Five Chapter Model for research papers and includes oral presentations in many major courses. Students are given instruction in business writing and presentation skills.

Work experience is a powerful educational tool in a discipline such as Accounting. College Misericordia schedules on-campus interviews with accounting firms and companies for student placement in accounting internship positions. All Accounting majors are encouraged to serve an internship in the spring of their senior year. Placement of students in internships is dependent upon successful completion of required course work, availability of placement employers, and an interview on the part of the student.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
BUS 105	Basic Computer Technology	3	BUS 107	Essential Communications	3
ACC 101	Principles of Accounting	3	BUS 208	Principles of Management	3

Sophomore Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 16
	Core	3		Core	3
	Core	3		Core	3
ACC 340	Intermediate Accounting I	4	ACC 341	Intermediate Accounting II	4
BUS 269	Principles of Marketing	3	BUS 430	MIS	3
	Elective	3	BUS 207	Contemporary Economics	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 18
	Core	3		Core	3
	Core	3		Core	3
ACC 401	Taxes	3	ACC 440	Advanced Accounting	3
	Core	3	BUS 306	Organizational Behavior	3
ACC 342	Intermediate Accounting III	3	BUS 307	Management Science	3
			ACC 310	Cost Accounting	3

Senior Year

First Semester		*Total Credits* 13	*Second Semester*		*Total Credits* 12
	Core	3		Elective	3
BUS 352	Business Law	3		Elective	3
ACC 410	Auditing	3	ACC 472	Internship	6
BUS 371	Finance	3			
BUS 415	International Business	1			

Total required for graduation 120 credits

Addictions Counseling Certificate

Division of Behavioral Science, Education, and Business
Dennis Fisher *Department Chair*
Degree May be taken in support of several degrees

The Addictions Counseling Certificate Program is designed to prepare graduates to work with the myriad of problems associated with chemical addictions. Substance abuse and addictions are among America's most devastating and pervasive social ills. Addiction respects neither age nor socioeconomic status and impacts on individuals, employers, families, and friends as well as the interrelationships of our most basic societal institutions. Its effects are also visible within many other social problems including crime, delinquency and family violence.

A Certificate in Addictions involves a total of 15 credits. Social Work majors at College Misericordia who are pursuing the Certificate will complete the field practicum elective as part of their required coursework for the BSW degree. All other students will have the option of taking an additional three-credit course in addictions in lieu of the field practicum. Graduates of the program will find the Certificate beneficial in marketing themselves to potential employers in settings serving the chemically addicted. Completion of the certificate requirements alone, however, does not make one a Certified Addictions Counselor (C.A.C.)

All courses are C.A.C. approved for twenty-five hours of required instruction for Certified Addictions Counselors who are seeking re-certification. In addition, courses may be applied toward fulfillment of instructional requirements for the initial C.A.C. certification. As of January 1, 1997, anyone applying for Counseling or Prevention Certification in Pennsylvania must have a minimum of a Bachelor's Degree.

Sequence of Required Courses			*Total Credits* 15
Required courses	ADC 222	Drug Pharmacology	3
	ADC 335	Substance Abuse in Special Populations	3
	ADC 337	Substance Abuse/Treatment Methods	3
Select 2 courses	ADC 333	Substance Abuse in the Adolescent Population	3
	ADC 341	Substance Abuse and the Aged	3
	ADC 339	Substance Abuse and Criminality	3
	ADC 340	Alcoholism	3
		Approved Field Practicum	3

Biochemistry Major

Division of Mathematical and Natural Sciences
Thomas Wood, Ph.D. *Department Chair*
Degree B.S./Biochemistry

The world of biology and the world of chemistry have been rushing together, fusing into a hybrid world-that of biochemistry. Today modern day biochemistry has reached a level of complexity and uniqueness that allows it to stand apart from either of its ancestral fields. Today's biochemistry operates in the world of life on earth described by classical biology but probes the complexities of this world on the molecular scale using the concepts and analysis techniques derived from the world of classical Chemistry.

Biochemistry at Misericordia reflects this fusion of both fields as a hybrid of both Department's curricula combining the essential knowledge of a B.S. chemistry with that of biology on the molecular level. We believe that students must first be good chemists before they can be good biochemists. Thus the program is designed to meet the ACS guidelines for a chemistry major and the ASBMB guidelines for a biochemistry major making our biochemistry program highly interdisciplinary between chemistry and biology.

Our program is designed not only to prepare students for graduate school and pharmaceutical and biomedical industry, but also provides an excellent preparation for professional studies in medicine, veterinary medicine and related health sciences.

Biochemistry majors must maintain a GPA of 2.5 to remain in good standing in the major program and a GPA of 3.0 to be recommended for graduate or professional schools.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 17
CHM 133	Chemical Principles I	4	CHM 134	Chemical Principles II	4
BIO 101	Gen Botany and Bio Principles	4	BIO 102	Zoology	4
MTH 151	Calculus I	3	MTH 152	Calculus II	3
	Core	3		Core	3
	Core	3		Core	3

Sophomore Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 14
CHM 243	Organic Chemistry	4	CHM 244	Organic Chemistry	4
PHY 221	Physics I	4	PHY 222	Physics II	4
BIO 241	Genetics	4		Core	3
MTH 225	Analytical Geometry & Calculus	4		Core	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 17
CHM 353	Biochemistry I	3	CHM 354	Biochemistry II	3
CHM 363	Biochemistry Lab	1	CHM 356	Physical Chemistry II	4
CHM 355	Physical Chemistry I	4	CHM 411	Instrumental Analysis	3
CHM 350	Chemical Literature	1	CHM 355	Instrumental Lab I	1
	Core	3		Core	3
	Core	3		Core	3

Senior Year

First Semester		*Total Credits* 14	*Second Semester*		*Total Credits* 16
	Major elective	3		Major elective	3
BIO 345	Developmental Biology *or*		BIO 441	Molecular Genetics	4
BIO 435	Cell Biology	3		Free elective	3
CHM 413	Instrumental Lab II	1		Free elective	3
CHM 475	Chemistry Seminar	1		Core	3
	Free elective	3			
	Core	3			

Total required for graduation 126 credits

Major electives can be taken in either chemistry or biology

Elective chemistry courses include:	CHM 410	Advanced Inorganic Chemistry
	CHM 460	Chemistry Research
	CHM 450	Special Topics
Elective biology courses include:	BIO 243	General Microbiology
	BIO 360	Immunology
	BIO 480	Biology Research
	BIO 435	Cell Biology
	BIO 345	Developmental Biology

Other chemistry or biology electives may be taken with chairperson's permission.

Biology Major

Division of Mathematical and Natural Sciences
Frank DiPino *Department Chair*
Degree B.S./Biology

The Biology major program is designed to provide a sound background in the various major areas of the Biological Sciences. Given the rate and nature of the current advances in the Biological Sciences, such a background requires a supporting foundation in the Physical Sciences, Mathematics and the other Liberal Arts in order to adequately prepare an individual to pursue a career in the field of Biology.

A variety of opportunities exist for post graduate employment in the pharmaceutical, agricultural, biotechnology, food and chemical industries as well as in government agencies and universities.

With this foundation and the selection of appropriate elective courses, a Biology major is prepared for post-graduate studies in medicine, veterinary medicine, dentistry, podiatry, optometry or for graduate study in various specialties in the Biological Sciences such as molecular biology, neurobiology, genetics, physiology, developmental biology, botany, microbiology and ecology.

A Biology major is assigned an advisor who helps plan a program of courses consistent with the student's interest and career objectives. (Majors in Biology must maintain at least a "B" average, cum; GPA = 3.0, to be recommended to graduate or professional schools.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 17
BIO 101	Gen. Botany/Bio Principles	4	BIO 102	Zoology	4
ENG	Core	3	MTH 115	Statistics	3
HIS	Core	3	HIS	Core	3
CHM 133	Chemical Principles I	4	CHM 134	Chemical Principles II	4
MTH 151	Calculus I	3	MTH 152	Calculus II	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 17
BIO 241	Genetics	4	BIO 243	General Microbiology	4
BIO 251	Comp Anatomy & Histology	4	ENG	Core	3
CHM 243	Organic Chemistry 1	4	PHL	Core	3
FA	Core	3	CHM 244	Organic Chemistry II	4
			FA	Core	3

Junior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 14
BIO 345	Developmental Biology *or*		BIO 346	General Physiology	4
BIO 435	Cell Biology	3	CHM	Free elective	3
PHL	Core	3		Free elective	3
CHM 353	Biochemistry I	3	PHY 222	General Physics II	4
PHY 221	General Physics I	4			
CPS 101	Intro. to Programming: PASCAL	3			

Senior Year

First Semester		*Total Credits* 14	*Second Semester*		*Total Credits* 14
BIO 425	Ecology	4	BIO 360	Immunology	1
BIO 490	Coordinating Seminar	1	BIO 480	Biology Research	1
BIO	Free elective	3	RLS	Free elective	3
RLS	Free elective	3	BEB	Core	3
BEB	Core	3		Free elective	3
				Free elective	3

Biology Major Secondary Education Certification

Program Director: Frank DiPino
Secondary Education Director: Joseph Rogan

College Misericordia's Secondary Education Program in Biology (SECED/BIO) is designed to prepare junior high school and secondary school teachers of Biology. A unique aspect of the program is that it prepares teachers to effectively deal with students with disabilities who are likely to be included in their classes. Our SECED/BIO program has been continually refined to keep pace with developments in the profession. It is approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania (grades 7-12) and transferable to many other states.

Effectively, students majoring in SECED/BIO must complete two majors, one in teacher education and one in Biology. Accordingly, they have two academic advisors who cooperate to keep students on track. Each semester they must meet with both of their advisors.

Preservice teachers in SECED/BIO must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experiences required by the SECED specialization, and a Content Area Major in Biology.

SECED/BIO majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experiences and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the SECED/BIO program are eligible for recommendation by the College to the Pennsylvania Department of Education for state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania our graduates usually have no difficulty becoming certified in other states.

Sequence of Required Courses
Education courses will be placed in the curriculum sequence under the advisement of the Department Chair in Education.

Business Administration Major — Management Specialization

Division of Behavioral Science, Education, and Business
Degree: B.S./Business Administration
Department Chairperson: Fred J. Croop

Students who major in Business Administration choose to focus on a specific area of the business environment. College Misericordia's business program offers specializations in Management and Marketing.

To succeed in a professional business atmosphere individuals must have a well-rounded background in all aspects of business as well as a firm grounding in the liberal arts. College Misericordia's Business Administration program provides the proper balance of both theory and practice. Its goals are to provide students with an understanding of the nature of society and to assist them in developing a social philosophy, which is necessary for responsible citizenship; to familiarize students with the American economic system and the major functional areas of business; and to afford students the opportunity to develop and to increase their capacity for analysis, evaluation and strategic implementation of concepts.

In recognizing the importance of writing and speaking across the curriculum, the major uses the Five Chapter Model for research papers and includes oral presentations in many major courses. Students are given instruction in business writing and presentation skills.

For the last 10 years, graduates of the Business programs at College Misericordia have attained a 97% job placement rate which compares very favorably to national trends. Business Administration majors are well prepared to continue their studies at the graduate level.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
BUS 105	Basic Technology	3	BUS 107	Essential Communications	3
BUS 208	Principles of Management	3	BUS 269	Principles of Marketing	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
BUS 207	Contemporary Economics	3	BUS 206	Microeconomics	3
ACC 101	Principles of Accounting	3	BUS 430	MIS	3
	Free elective	3	ACC 311	Managerial Accounting	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
BUS 306	Human Resources Management	3	BUS 350	Money and Banking	3
BUS 352	Business Law	3	BUS 306	Organizational Behavior	3
	Free elective	3		Management Science	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Current Issues	3	BUS 491	Seminar in Policies	3
	Upper Level Business Elective	3		Upper Level Business Elective	3
BUS 371	Finance	3	BUS 420	Small Business Management	3
BUS 415	International Business	3		Free elective	3

Total required for graduation 120 credits

Business Administration Major Marketing Specialization

Division of Behavioral Science, Education, and Business
Degree: B.S./Business Administration
Department Chairperson: Fred J. Croop

Marketing, one of the available business specializations, concentrates on exchange processes. College Misericordia's Marketing specialization goes beyond the traditional. It prepares students for employment in business, as well as non-business organizations. Those who are or will be involved in managing private or public, profit or non-profit organizations can benefit from this program.

Opportunities in the field of Marketing are expanding rapidly as organizations discover the importance of marketing techniques to their continued success. Today and in the future, not only will products be marketed, but services, ideas, places, political candidates, health care facilities, educational institutions, and many more organizations will also benefit by using marketing tools.

Students obtain jobs in a variety of organizations, in Advertising, Public Relations, Sales, Product and Brand Management, Marketing Research, Purchasing, Retailing, Wholesaling, and many other marketing related positions.

In recognizing the importance of writing and speaking across the curriculum, the major uses the Five Chapter Model for research papers and includes oral presentations in many major courses. Students are given instruction in business writing and presentation skills.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
BUS 105	Basic Technology	3	BUS 107	Essential Communications	3
BUS 208	Principles of Management	3	BUS 269	Principles of Marketing	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
BUS 207	Contemporary Economics	3	BUS 303	Product/Service Marketing	3
ACC 101	Principles of Accounting	3	BUS 430	MIS	3
	Free elective	3	BUS 340	Promotion & Advertising	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
BUS 304	Sales & Sales Management	3	BUS 401	Channel Strategies	3
BUS 352	Business Law	3	BUS 306	Organizational Behavior	3
	Free elective	3	BUS 307	Management Science	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
BUS 450	Marketing Research	3	BUS 403	Strategic Marketing	3
	Upper Level Business Elective	3		Upper Level Business Elective	3
BUS 371	Finance	3	BUS 402	Pricing Strategies	3
BUS 415	International Business	3		Free elective	3

Total required for graduation 120 credits

Business Administration Management Information Systems Major

Division of Behavioral Science, Education, and Business
Degree: B.S./ Management Information Systems
Department Chairperson: Fred J. Croop

The Management Information Systems degree constitutes an interdisciplinary approach to modern information systems, providing strong foundations in business and computer science as they relate to business information management, development and operations.

The major provides a melding of the two disciplines since the development of a computer-based information system is not merely a technological exercise as it also has managerial, organizational and behavioral implications. The Management Information Systems degree offers a strong foundation in computer science, business theory and practice and the related role of information flow within an organization.

The Management Information Systems degree provides majors a balance of theory and practice in both disciplines and prepares students for entry-level positions in such fields as systems analysis, systems design, and information systems management. Students may also elect to continue their studies at the graduate level.

In recognizing the importance of writing and speaking across the curriculum, the major uses the Five Chapter Model for research papers and includes oral presentations in many major courses. Students are given instruction in business writing and presentation skills.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
BUS 105	Basic Technology	3	BUS 107	Essential Communications	3
BUS 208	Principles of Management	3	BUS 430	MIS	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 18
	Core	3		Core	3
	Core	3		Core	3
BUS 207	Contemporary Economics	3	MIS 121	Programming II	3
MIS 101	Programming I	3	BUS 269	Principles of Marketing	3
ACC 101	Principles of Accounting	3	ACC 311	Managerial Accounting	3
				Free elective	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
MIS 310	Managerial Apps. of OOP I	3	MIS 311	Managerial Apps. of OOP II	3
MIS 220	Systems Analysis	3	BUS 306	Organizational Behavior	3
BUS 352	Business Law	3	BUS 307	Management Science	3

Senior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
MIS 231	Intro. to File Processing	4	MIS 432	Database Management	3
MIS 420	Teleprocessing	3		Free elective	3
BUS 371	Finance	3	MIS 471	Information Technologies Mgmt.	3
BUS 415	International Business	3		Free elective	3

Total required for graduation 124 credits

Business Administration Major With a Minor Sequence

Division of Behavioral Science, Education, and Business
Degree: B.S./Business Administration
Department Chairperson: Fred J.Croop

Students who major in Business Administration choose to focus on a specific area of business. The Business Administration Major with a minor sequence allows students to focus on areas such as management, accounting, marketing or management information systems. The major requires all students to take at least twelve required courses, at least 15 credits in the minor and 18 credits in free electives. Majors must complete the 48-credit college core as required of all College Misericordia students.

The Business Administration Major with a minor sequence permits students to freely fashion their study to meet their professional and personal needs. The curriculum contains sufficient flexibility to meet most needs and expectations of the student, both those who intend to go on to graduate school and those who seek immediate entrance into the profession. Students in the major need to work very closely with their advisor in the selection of courses.

The major permits students to take an aggressively quantitative or qualitative track or an equal balance between the "management by numbers" position and the "management through people" concept.

In recognizing the importance of writing and speaking across the curriculum, the major uses the Five Chapter Model for research papers and includes oral presentations in many major courses.

Students are given instruction in business writing and presentation skills.

For the last 10 years, graduates of the Business programs at College Misericordia have achieved a 97% job placement rate which compares very favorably to national trends. Majors are well prepared to continue their students at the graduate level, if they choose.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
BUS 105	Basic Technology	3	BUS 107	Essential Communications	3
BUS 208	Principles of Management	3	BUS 269	Principles of Marketing	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
BUS 207	Contemporary Economics	3		Minor Sequence Course	3
ACC 101	Principles of Accounting	3	BUS 430	MIS	3
	Free elective	3		Free elective	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Minor Sequence Course	3		Minor Sequence Course	3
BUS 352	Business Law	3		Free elective	3
	Free elective	3	BUS 307	Management Science	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Free elective	3	BUS 306	Organizational Behavior	3
	Minor Sequence Course	3		Minor Sequence Course	3
BUS 371	Finance	3		Free elective	3
BUS 415	International Business	3		Free elective	3

Total required for graduation 120 credits

Business Administration Major With a Minor Sequence

Management Minor Courses

BUS 205 Macroeconomics
BUS 206 Microeconomics: Management Science
BUS 350 Money and Banking
BUS 360 Human Resource Management
BUS 385 Production and Operations Mgmt.
BUS 420 Small Business Management
BUS 465 Special Topics in Business
BUS 472 Business Administration Internship
BUS 491 Seminar in Business Policies
ACC 311 Managerial Accounting: Current Issues and Trends in Business

Marketing Minor Courses

BUS 304 Sales and Sales Management
BUS 401 Channel Strategies
BUS 335 Retail Buying
BUS 304 Advertising and Sales Promotion
BUS 345 Consumer Behavior
BUS 421 Special Topics in Marketing
BUS 303 Product/Service Marketing
BUS 450 Marketing Research
BUS 402 Pricing Strategies
BUS 403 Strategic Marketing

Accounting Minor Courses

ACC 341 Intermediate Accounting I
ACC 342 Intermediate Accounting II
ACC 340 Intermediate Accounting III
ACC 440 Advanced Financial Accounting
ACC 310 Cost Accounting
ACC 401 Taxes I
ACC 402 Taxes II
ACC 410 Auditing
ACC 472 Accounting Internship
ACC 480 Independent Study
ACC 485 Special Topics in Accounting

MIS Minor Courses

MIS 101 Programming In C
MIS 121 Programming In C++
MIS 200 Systems Anal., Design and Implementation.
CPS 221 Introduction to Computer Systems
MIS 231 Introduction to File Processing
CPS 232 Data Structures
MIS 420 Teleprocessing
MIS 432 Data Base Mgmt. Systems Design
MIS 491 Information Tech. Management
MIS 310 Managerial Applications in OOPI
MIS 311 Managerial Applications in OOPII

Select Specialization Minor

The Select Specialization is available only to transfer students with a minimum of 15 completed credit hours (grade of "C" or better) in a business related field not offered at College Misericordia.

Students with credits in a business related field not offered at Misericordia may apply those credits as a minor in the Business Administration major.

Potential areas of specialization are as wide and varied as the world of business.

Chemistry Major

Division of Mathematical and Natural Sciences
Degree: B.S. Chemistry
Department Chairperson: Thomas G. Wood

Chemistry has been called the "central science" because it has applications in so many fields. College Misericordia graduates with a major in chemistry can select from a variety of jobs in the chemical industry, in government laboratories, or in medical or agricultural research. In addition, they are prepared for graduate studies in chemistry or biochemistry and, with the proper selection of elective courses, for professional studies in medicine, veterinary medicine and related fields.

Chemistry majors must maintain a GPA of 2.5 to remain in good standing in the major program and a GPA of 3.0 in the major to be recommended for graduate or professional schools.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 16
CHM 133	Chemical Principles I	4	CHM 134	Chemical Principles II	4
MTH 151	Analytical Geom. & Calculus I	3	MTH 152	Analytical Geom. & Calculus II	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 14
CHM 243	Organic Chemistry I	4	CHM 244	Organic Chemistry II	4
PHY 221	Physics I	4	PHY 222	Physics II	4
MTH 225	Analytical Geom & Calculus III	4	MTH 242	Differential Equations	3
	Core	3	CHM 210	Descriptive Chemistry	3

Junior Year

First Semester		*Total Credits* 14	*Second Semester*		*Total Credits* 14
CHM 355	Physical Chemistry I	4	CHM 356	Physical Chemistry II	4
CHM 350	Chemical Literature	1	CHM 411	Instrumental Analysis	3
MTH 115	Statistics	3	CHM 412	Instrumental Lab I	1
CPS 101	Intro. to Programming	3		Core	3
	Core	3		Core	3

Summer Elective *Total Credits* 3

CHM 490	Chemistry Internship	3

Senior Year

First Semester		*Total Credits* 14/15	*Second Semester*		*Total Credits* 16/17
CHM 410	Adv. Inorganic Chemistry	3	CHM 475	Chem. Seminar	1
CHM 413	Instrumental Lab II	1	CHM	Chemistry elective	3/4
CHM 475	Chemistry Seminar	1		Free elective	3
CHM	Chemistry elective	3/4		Free elective	3
	Free elective	3		Free elective	3
	Core	3		Core	3

Total required for graduation 124 credits

Chemistry Major Secondary Education Certification
Division of Mathematical and Natural Sciences
Department Chairperson: Thomas G. Wood
Secondary Education Director: Joseph Rogan

College Misericordia's Secondary Education Program in Chemistry (SECED/CHM) is designed to prepare junior high school and secondary school teachers of Chemistry. A unique aspect of the program is that it prepares teachers to effectively deal with students with disabilities who are likely to be included in their classes. Our SECED/CHM program has been continually refined to keep pace with developments in the profession. It is approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania (grades 7-12) and transferable to many other states.

Effectively, students majoring in SECED/CHM must complete two majors, one in teacher education and one in Chemistry. Accordingly, they have two academic advisors who cooperate to keep students on track. Each semester they must meet with both of their advisors.

Preservice teachers in SECED/CHM must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experiences required by the SECED specialization, and a Content Area Major in Chemistry.

SECED/CHM majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experiences and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the SECED/CHM program are eligible for recommendation by the College to the Pennsylvania Department of Education for state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania our graduates usually have no difficulty becoming certified in other states.

Sequence of Required Courses
Education courses will be placed in the curriculum sequence under the advisement of the Department Chair in Education.

Child Welfare Services Certificate

Division of Behavioral Science,Education, and Business
Degree: May be taken in support of several degrees
Department Chairperson: Dennis Fisher

The Child Welfare Services certificate program is most directly associated with a major in one of the helping professions.

However, the certificate can be earned independently of a bachelor's degree. Child welfare specialists handle the problems of abused, neglected and abandoned children or those whose behavior has brought them to the attention of the courts. This type of work is demanding and requires highly trained and dedicated professionals for whom children and their families are of paramount importance.

A certificate in Child Welfare Services involves a total of 15 credits. Social Work majors at College Misericordia who are pursuing the Certificate will complete the field practicum elective as part of their required coursework for the BSW degree.

Sequence of Required Courses

SOC 321	The Family	3
CWS 363	Child Welfare Services	3
CWS 392	Child Abuse and Neglect	3

Two (2) additional courses selected from the following:

PSY 275	Child and Adolescent Psychology	3
CWS 393	Child Welfare Laws	3
CWS 395	Foster, Residential, and Adoptive Care Population	3
	Approved Field Practicum	3

Total required for graduation 15 credits

Communications Major

Division of Humanities
Degree: B.A./Communications
Program Director: David Bradbury

The Communications major is designed to prepare students for careers in such areas as advertising, journalism (both print and broadcast), video and TV studio production, and writing for print media, radio, and TV. There is a heavy emphasis in the program on the development of good writing, speaking, and analytical skills, and advanced courses in English and history are required.

Majors must complete 48 credits of specific course requirements in Communications and related areas. The Communications courses include Media Criticism I & II (6 credits), Journalism I & II (6 credits), Video Production (3 credits), and TV Studio Production (3 credits). Majors are also required to take 3 credits of practicum (e.g., supervised work on the student newspaper) and 9 credits of internship with local newspapers, public relations offices, radio stations, TV stations, etc. Internships provide valuable practical experience and contacts with professionals in the media.

Related course requirements include Speech, Media Ethics, Advertising, advanced History, and 6 credits of advanced Literature. Communications majors must also give evidence of college level proficiency in a foreign language. The language proficiency normally requires successful completion of 6 credits of course work in the freshman year.

General Requirements

Incoming freshmen seeking admission to the college as Communications majors must meet the general and specific requirements of the college as stated in this catalogue. In cases where the student does not fully meet those requirements, a personal interview will be required.

Continuation as a Communications major requires that the Student maintain a minimum 2.0 or "C" average, both in the major and in the overall grade point average.

Transfer students must complete all of the Communications requirements as listed in the sequence of required courses in this catalogue. Final approval for transfer credits in Communications or approval of off-campus courses in Communications rests with the Communications Program Director.

Recommendations

To receive a recommendation for graduate school, students must maintain a minimum 3.0 or "B" average, both in the major and in the overall grade point average.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
ENG	Core	3	ENG 112	Speech	3
HIS	Core	3	HIS	Core	3
LNG	Foreign Language	3	LNG	Foreign Language	3
MTH	Math Bank I	3	MTH	Math Bank II	3
PHL 101	Self Images	3	ENG	Core	3

Sophomore Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
PHY 107	Physics 1	3	PHY 108	Physics II	3
ENG 205	Advanced Expos	3	BSEB	Core	3
COM 205	Media Criticism I	3	COM 206	Media Criticism II	3
COM 201	Journalism I	3	COM 202	Journalism II	3
BSEB	Core	3			

Junior Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 15
BUS 340	Advertising	3	PHL	Core	3
COM 310	Video Production	3	ENG	Advanced Lit.	3
COM 370	Practicum	3	COM 315	TV Studio Production	3
HIS 410	Global Issues	3	COM 470	Internship	3
	Free elective	3		Free elective	3
	Free elective	3			

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
RLS	Core	3	RLS	Core	3
ENG	Advanced Lit.	3	PHL	Media Ethics	3
COM 470	Internship	3	COM 470	Internship	3
	Free elective	3		Free elective	3
	Free elective	3		Free elective	3

Total required for graduation 126 credits

Computer Science Major

Division of Mathematical and Natural Sciences
Degree: B.S./Computer Science
Department Chairperson: Patrick Touhey

College Misericordia offers students several different computer science programs in response to a variety of interests and career goals. The Computer Science curricula follow the recommendations of the Association of Computing Machinery and uphold the College's long history of providing career-oriented educations within a strong liberal arts program.

The Computer Science major leads to a Bachelor of Science in Computer Science. The program prepares students to pursue careers in scientific or industrial programming and systems analysis, or to continue their education at the graduate level.

Students have ample access to computer labs stocked with IBM PC compatibles.

All facets of the hardware and software are continually upgraded to ensure that students work with the most recent components of this dynamic technology.

In addition, a double major of computer science and mathematics is available by completing five additional approved mathematics courses. Contact the department chairperson for details.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
CPS 101	Intro to Programming: C	3	CPS 121	Computer Programming	3
MTH 151	Calculus I	3	MTH 152	Calculus II	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 13
PHY 221	General Physics I	4	PHY 222	General Physics II	4
MTH 225	Calculus III	4		Core	3
MTH 244	Set Theory & Logic	3	CPS 222	Computer Organization	3
CPS 485	Special Topics -C++	3		Free elective	3
CPS 221	Intro. to Computer Systems	3			

Junior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 15
MTH 241	Linear Algebra	3	CPS 232	Data Structures	3
	Core	3	CPS	Free elective	3
CPS 321	Operating Systems & Architecture	3		Core	3
CPS 231	File Processing	4		Core	3
CPS 331	Organization Program Languages	3	MTH 215	Math Stats	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
CPS 480	Independent Study	3	CPS	Free elective	3
CPS	Free elective	3	CPS	Free elective	3

	Free elective	3		Free elective	3
	Core	3		Core	3
CPS 431	Software Design & Development	3	CPS 432	Database Management Design	3

Total required for graduation 129 credits

Upper division courses are offered in alternate years, so that a student's schedule may not follow this sequence exactly. For example, courses that are shown in the senior year may be taken in the junior year and vice versa.

Education Programs

Teacher Education Majors and Certifications

Department Chairperson: Joseph Rogan
Program Admission Policy for Transfer Students

Since its inception in 1924, College Misericordia has prepared thousands of excellent teachers for the nations classrooms. Currently, the Division of Behavioral Science, Education, and Business and its Teacher Education Department (TED) sponsor majors in Elementary Education, Special Education (Mentally/Physically Handicapped), and in five areas of Secondary Education (Biology, Chemistry, English, Mathematics, and Social Studies). In combination with its Elementary Education major, the TED also sponsors a certification program in Early Childhood Education. Additionally, students may elect to combine various programs (e.g. Elementary and Special Education).

All of the division's teacher education programs have been reviewed and approved by the Middle States Association of Colleges and Schools and the Pennsylvania Department of Education. In addition, they have been selected as "pilot" programs by the Council for Independent Colleges Teacher Education Accreditation Committee.

Students who complete a TED program and other requirements set by the state can be recommended by the college to the PDE for an Instructional I certificate.

Early Childhood Education

This program prepares teacher to work in preschools through third grade.

Elementary Education

This program prepares teachers to work in Kindergarten through sixth grade.

Special Education

This program prepares teachers to work with students with mentally and/or physically handicaps from birth through age twenty-one. These students include those with mental retardation, learning disabilities, emotional disturbances, physical handicaps, and multihandicaps.

Secondary Education

This program prepares teachers to work in secondary education (i.e., junior and senior high school). They prepare to teach Biology, Chemistry, English, Mathematics, or Social Studies.

Selection, Retention, Advancement and Graduation Criteria

To ensure quality, the TED uses a series of assessments to monitor students' progress. Information gathered from these assessments is used to make admission, program entry, retention, advancement, and graduation decisions.

A. Admissions Process

Admissions decisions are made by the Admissions Office. The TED suggests that students be accepted to the college to participate in programs offered by the TED only if they meet the following criteria. While in high school, the applicants must:

1. Have participated in a rigorous curriculum and must have posted grades that placed them in the top half of their graduating high school classes. External (from other colleges) and internal transfers (from other CM majors) must have a 2.75 GPA. Prospective transfer students must meet with the TED's Transfer Coordinator (Dr. Nolan) before enrolling in any TED courses.
2. Have demonstrated an interest and commitment to becoming teachers by participating in volunteer, extracurricular, and/or independent activities in which they interacted with groups of children.
3. Be able to demonstrate that they can meet a series of "essential performance skills" typically expected of classroom teachers.

B. Initial Review Process

During their first year, students (including transfer students) must present information that indicates their desire to participate in one or more of the college's teacher education programs and that demonstrates that they possess in the requisite academic abilities and performance skills to succeed. The Initial Review Process (IRP) requires students to independently compile and timely submit a "IRP Portfolio" which includes:

1. Initial Review Process Application Form
2. An indication that their first year/transfer GPA is/will be at least 2.6 with at least 24 credits (by the end of the sophomore year, students' GPAs must be at least 2.8 with at least 48 credits, and by the end of the Junior year they must be 3.0).
3. A 500 word handwritten original essay entitled "Why I want to be a Teacher."
4. PRAXIS I: LearningPlus Scores (English, Mathematics, and Reading) which meet or exceed the standards set by the TED Faculty.
5. An indication that they will receive a passing grade in TED 101 Freshman Seminar and TED 191 Freshman Field.

To complete the Initial Review Process application, students must interact with a "real" classroom teacher. In addition, they must be formally interviewed by one member of the TED faculty (Secondary Education Majors may opt to ask their Program Directors to conduct their interviews) and by the TED Chairperson. During the interactions and interviews, the students must demonstrate the ability to participate in the assessment with the accommodations listed in their Programs of Accommodation developed by the Alternative Learners Project (ALP).

The TED faculty will use the results of the Initial Review Process to determine whether students may be admitted provisionally to the TED. Actual admission will be a function of the Program Acceptance Process described below.

C. Career Assessment Process

Sophomores must open a "Placement File" in the college's Insalaco Career Center. In doing so, they will be required to complete a series of assessments and interviews designed to determine whether their interests and aptitudes predict that they would be successful as teachers.

D. Sophomore Competency Examination

During finals week of the Sophomore spring semester students (including transfers even in they have not completed the courses listed below) must complete the Sophomore Competency Examination which assesses their ability to integrate information learned in the following courses:

TED 231 Learning

TED 241 Development

TED 251 Curriculum

TED 261 Teaching

TED 271 Classroom Management

E. Program Acceptance Process

The TED faculty considers the results of the Initial Review Process, the Career Assessment Process, and the Sophomore (along with other information such as GPA, etc.) before it formally admits a student to the Teacher Education Department. Successful students are inducted into the department at a formal fall semester ceremony.

To apply for program acceptance, students must present:

1. An application for TED membership
2. Results of the Sophomore Competency Examination
3. Satisfactory grades/reports from TED 292 Sophomore Field 1 and TED 293 Sophomore Field 2
4. Evidence of participation in Professional Associations and Organizations, including the Education Club and at least one major-related professional organization.
5. Adherence to the TED Ethics Policy
6. TED Faculty Recommendations
7. Cumulative GPA (2.8 Minimum)
8. Review of Students Portfolio

F. Junior Independent Project

During the fall semester, Juniors must individually suggest, develop, and then publically present a poster session on a topic approved by their TED Advisors. The poster sessions take place during American Education Week (third week of November).

G. Junior Group Project

During the spring semester, each Junior, in cooperation with a least two and no more than four other Juniors, must suggest, develop, and then publically present a poster session on a topic approved by their TED advisors. The poster sessions will take place during the last week of the semester (i.e., in relation to National Teacher Recognition Day)

H. Junior Review

At the end of the year, the TED faculty review all Juniors. The Junior Review is used to determine which students will be recommended for Student Teaching and Graduation. Data which must be submitted by students will include:

1. Completed Application for TED 497 Student Teaching
2. Grades/Reports from TED 394 Junior Field
3. Grades/Reports from TED 395 Junior Practicum
4. Evidence of Participation in Professional Associations and Organizations, including the Education Club and at least one major-related professional organization
5. Adherence to the TED Ethics Policy
6. TED Faculty Recommendations
7. Cumulative GPA (3.0 Minimum)
8. Review of Student Portfolio

I. National Teachers Examination

Senior students must complete the Core Battery and appropriate specialization test of the National Teachers Examination.

J. Senior Portfolio Presentation

Throughout their programs, TED students will be expected to continually develop portfolios. In TED 401 Senior Seminar students receive guidance in developing Senior Portfolios. During the spring semester of their senior year, students must publically present their Senior Portfolios. Later they may use these documents to develop Presentation Portfolios which can be used in employment interviews. The Senior Portfolio must include:

1. A letter written by the student which (a) reviews why he/she wants to be a teacher, and (b) introduces portfolio reviewers to the contents of his/her portfolio.
2. A current resume.
3. A CM Transcript and the results of all assessment activities (e.g., Chapter 34 and 151 Clearances, etc.)
4. A photographic essay of their work.
5. A video/audio a sample lesson.
6. Samples projects done in courses and field experience, including Student Teaching.
7. Parts of ten completed TED Cross Course Modules.
8. Three letters of recommendation, one written by a peer, two by TED faculty.

K. Course Requirements

To ensure that the educational experience offered by the TED are both uniform and developmental, the TED faculty has established two series of "modules" (i.e., Learning Activity Packages). One set is course-based; the other set transcends course boundaries and migrate with students through the curriculum.

Each course has specified number of objectives to complete. There is one Course Module for each objective. Each Course Module structures instruction with a series of prescribed teaching/learning activities and is assessed with a module-referenced examination (i.e., "quiz") and a performance assessment (i.e. a "project").

Rather than just hope its courses and experiences mesh, the faculty uses Cross Course Modules to help students knit courses and experience into meaningful wholes. A Cross Course Module might start in one course, be developed in a second, and completed in a third. Most of the Course Projects (listed in each course syllabus) are designed to be included in one or more of the Cross Course Modules. There will be ten Cross Course Modules.

1. Foundations
2. Development
3. Learning
4. Curriculum
5. Teaching/Testing
6. Technology and Media
7. Issues and Research
8. Professional and Career Development
9. Field Placements
10. Resources

L. Grading

The TED faculty believes that is dangerous to allow students who know only a percentage of what they are supposed to know to progress. TED students are not allowed to proceed nor allowed to student teach or graduate until and unless they have demonstrated (i.e., through quizzes, projects, etc.) that they have mastered the TED's objectives.

The TED faculty use module-based quizzes and module-based projects both formatively and summatively. Students who earn less than a mastery score on a quiz or a project may, with certain time and other restrictions—and maybe with additional instruction—take a second shot to demonstrate a mastery score. While it would be ideal to allow additional shots, the TED faculty believes that at the college level, two opportunities to demonstrate mastery is sufficient.

Because they are usually not done or submitted until toward the end of a semester, the TED faculty can only use Course Projects summatively. While students are working on the projects they may seek help and feedback from instructors, however, once the project is submitted, it will be finally graded.

Final exams, which in all cases will be cumulative — all of courses' objectives are assessed—will be only summative and will be finally graded.

The TED constructs and administers quizzes and final examinations in ways that parallel the National Teacher Examination. Using the NTE model, the TED faculty convert quiz and exam raw scores to produce percentage scores for objective items (e.g., multiple choice, etc.) and eventually letter grades. They score essays included on quizzes and final examinations against rubrics, performance assessment systems. Module-based projects and Course Projects are also scored against rubrics.

M. Academic Integrity and the TED Honor Code

At the beginning of every course, individual instructors will inform students of the details of the TED's Academic Integrity Policy (see TED Guidebook). The policy states that students are expected to do their own work (except when cooperative projects are assigned). If a student clearly submits work done by others, it is awarded a failing grade.

Since the TED respects the mastery learning paradigm, a failing grade awarded for a quiz, examination, and/or project effectively prevents students from demonstrating master and thus halts their progress in their programs. Instructors may petition the TED and or the college to have a student found guilty of cheating removed from the program or the college.

Also at the beginning of every course, TED instructors inform students of the details of the TED's Honor Code (see TED Guidebook). It states that while students are engaged in quizzes and examinations, they are expected to behave honorably. Quizzes and examinations are not proctored by instructors.

N. Graduation Exercises

Students must meet all of the requirements for at least one TED program to be recommended for graduation.

O. Teacher Certifications

Students who have completed one or more of the programs sponsored by the TED and a series of other requirements set by accrediting organizations (e.g., NTE scores, Act 34 and 151 clearances), may be recommended for certification to the Pennsylvania Department of Education and/or other certifying organizations.

Program Goals

The TED faculty has combined the goals of the college with those suggested by PDE and other groups to produce program goals. The TED faculty has broken each goal into a series of objectives (i.e., "competency" statements) which are listed in appropriate course syllabi.

Communication Skills (CS)

Graduates of College Misericordia's TED shall demonstrate that they have the knowledge and skills needed to confidently and effectively orally and in writing communicate with students, other professionals, families, and with members of their communities.

Mental and Physical Skills (M&PS)

Graduates of College Misericordia's TED shall demonstrate that they possess the mental and physical skills and tolerance for stress needed to function as classroom teacher.

Commitment to Students(CTS)

Graduates of College Misericordia's TED shall demonstrate a sincere commitment to the education of all students and be willing to advocate for children and their families.

Foundations of Education (FOE)

Graduates of College Misericordia's TED shall explain sociological and philosophical factors that have led to the development of, and that currently support and regulate educational practices. In doing so, they shall evidence a clear understanding of the roles and responsibilities classroom teachers, as well as the rights and responsibilities of students and their families.

Growth and Development (G&D)

Graduates of College Misericordia's TED shall explain how students grow and develop and demonstrate a willingness and ability to adjust their teaching to meet the needs of individual students, including students with special needs. Graduates shall be especially sensitive to the challenges faced by female students, students with disabilities, and members of minority groups.

Learning (L)

Graduates of College Misericordia's TED shall use research to explain the processes and complexities of learning and use this knowledge to plan and implement teaching/learning activities that support the intellectual, social/emotional, career, and personal development of students.

Curriculum Structure (CS)

Graduates of College Misericordia's TED shall explain how curriculum is developed, structured, regulated, and used by teachers to plan, monitor, and evaluate instruction and students' learning.

Content Mastery (CM)

Graduates of College Misericordia's TED will demonstrate mastery of the curriculum they will be expected to teach and a willingness to engage in professional development activities which ensure their continued mastery.

Basic Teaching Processes (BTP)

Graduates of College Misericordia's TED shall demonstrate the ability to effectively organize classrooms and educational spaces that are conducive to learning and which ensure students' safety and security; analyze data and situations to make decisions which benefit students; and plan, implement, and assess direct instruction within a mastery learning paradigm.

Advanced Teaching Processes (ATP)

Graduates of College Misericordia's TED shall effectively implement a variety of advanced teaching procedures that allow students, independently and cooperatively, multiple pathways to learning and which challenge them to explore and understand challenging concepts, topics and issues.

Classroom Management (CM)

Graduates of College Misericordia's TED shall demonstrate a willingness and ability to use an understanding of individual and group motivation and behavior to create learning environments which encourage positive social interaction, active learning, critical thinking, and independence. They will be devoted to creating schools and classrooms which are welcoming, caring, stimulating, inclusive, and safe places in which students are challenged to take risks, make choices, work independently and collaboratively, and be supported in their growth and development.

Family Involvement (FI)

Graduates of College Misericordia's TED shall acknowledge and respect the roles and responsibilities of parents and families and be willing to enter into partnership arrangements with those interested in the education of students.

Respect for Diversity (RFD)

Graduates of College Misericordia's TED shall see "diversity as normal" and evidence an authentic respect for all students, families, coworkers, and school personnel. They should see themselves as teachers prepared to work with all students without regard to factors related to gender, race, creed, economic status, physical attributes, or ability.

Personal and Collegial (P&C)

Graduates of College Misericordia's TED shall know and be comfortable with themselves in ways which cause them to be willing and able to work effectively with students, other professionals, and parents.

Professional (P)

Graduates of College Misericordia's TED shall be fully aware of their profession's standards and practices, including its codes of ethics; look forward to being contributing members and active leaders of their profession; and function ethically and responsibly as members of their communities.

Curriculum Structure

The college's teacher education programs each have six components. They are explained below:

1. Core

   All TED students are expected to complete the college's 57 credit general education requirement (i.e., the "Core"). Thirty core credits, of which at least nine must be writing intensive, must be taken in areas sponsored by the Division of Humanities (i.e., six each in History/Government, Religious Studies, Fine Arts, Literature, and Philosophy); six must be taken in mathematics; six in science; and six in areas sponsored by the Division of Behavioral Science, Education, and Business (i.e., Comparative Sociology, Contemporary Economics, and/or Introduction to Psychology). Students must also complete an additional nine credits of "free" electives, i.e., upper level courses not offered by the TED.

2. Introductory and Generic TED Courses

   All TED students must complete a set of introductory level teacher education requirements. Additionally, as seniors all will have to complete two courses (TED 443 Parent Conferencing and TED 497 Student Teaching).

3. Specializations

   All TED students must complete the requirements of one or more of the TED's specializations (e.g., Elementary Education).

4. Content Majors

   TED students must complete a second major in a content area related to their area of specialization (* = Secondary)

   Art (in cooperation with Wilkes University)
   Biology*
   Chemistry*
   Child Welfare
   Communications (English)*
   Educational Technology
   General Science
   General Studies
   History
   Interdisciplinary Studies
   Mathematics*
   Social Science*

5. Field Experiences

   All TED students will be required to complete a developmental series of field experiences that begin during the freshman year and culminate with a full semester of student teaching. By the time they graduate, students will have completed seven hundred hours of observation and practicum in community classrooms.

   Field experiences are arranged at Partnership School Districts by the TED. Students must possess professional liability insurance and various clearances to participate in field placements. Students must arrange their own transportation.

6. Professional Involvement

   All students will be expected to participate in preprofessional activities.

Elementary Education Major

Elementary Education Certification

Division of Behavioral Science, Education, and Business
Degree: B.S./Elementary Education
Department Chairperson: Joseph Rogan

The Elementary Education (ELED) program has been continually refined to keep pace with developments in the field of education and to meet the ever increasing standards of various professional and accrediting groups. The program is approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania (kindergarten through sixth grade) and transferable to many other states.

Preservice teachers in ELED must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experience, the courses and experiences required by at least one TED specialization (e.g., Elementary Education), and a Content Area Major.

ELED majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experience and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the ELED program are eligible for recommendation by the College to the Pennsylvania Department of Education for state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania, our graduates usually have no difficulty becoming certified in other states.

Students who complete the college core, all program requirements except student teaching, and who earn a total of at least 120 credits may graduate with a Bachelor of Science in Education but will not be eligible for Pennsylvania Department of Education Certification.

ELED majors may elect to complete the requirements for certification in Early Childhood Education (EDED) and/or they may choose to declare a second TED major in Special Education (SPED). The additional coursework might require additional semesters or at least summer study.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 18
PSY 123	Introduction to Psychology	3		Content Area Elective	3
SOC 110	Comparative Sociology	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3	TED 111	Intro. to Education	3

TED 101	Freshman Seminar *or*	0	TED 121	Educational Technology	3
TED 102	Transfer Seminar	0	TED 191	Freshman Field	0

Sophomore Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 17
	Core	3		Core	3
PHL 123	Self Images	3		Core	3
	Content Area Elective 2	3		Core	3
	Core	3.	TED 251	Curriculum	3
TED 231	Learning	3	TED 261	Teaching	3
TED 241	Development	3	TED 271	Classroom Management	2
TED 292	Sophomore Field 1	0	TED 293	Sophomore Field 11	0

Junior Year

First Semester		*Total Credits* 12	*Second Semester*		*Total Credits* 13
	Content Area Elective 3	3		Free elective	3
TED 381	Reading Methods 1	3	TED 382	Reading Methods II	3
TED 384	Math Methods	3	TED 385	Math Methods II	3
TED 352	Curriculum/Elementary	1	TED 386	Art Methods	1
TED 363	Methods/Elementary	2	TED 387	Music Methods	1
TED 294	Junior Field	0	TED 373	Class Management/elementary	1
			TED 395	Junior Practicum	1

Senior Year

First Semester		*Total Credits* 13	*Second Semester*		*Total Credits* 15
	Core	3		Content Area Elective 5	3
	Content Area Elective 4	3		Core	3
	Free elective	3	TED 497	Student Teaching	9
	Free elective	3			
TED 443	Parent Conferencing	1			
TED 401	Senior Seminar	0			
TED 496	Senior Field	0			

Elementary Education Major Elementary and Early Childhood Education Certification
Division of Behavioral Science, Education, and Business
Degree: B. S./Elementary Education
Department Chairperson: Joseph Rogan

College Misericordia'a Early Childhood Education (ECED) program is designed to prepare teachers to work with preschool children, either as teachers or as operators of private preschool/nursery centers (nursery through third grade). The program build upon the College's Elementary Education (ELED) program (kindergarten through sixth grade).

Preservice teachers in EDED/ELED must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experience required by two TED specializations (e.g., Early Childhood and Elementary Education), and a Content Area Major.

EDED/ELED majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experiences and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the EDED/ELED program are eligible for recommendation by the College to the Pennsylvania Department of Education for two state teacher certifications. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania, our graduates usually have no difficulty becoming certified in other states.

Students who complete the college core, all program requirements except student teaching, and who earn a total of at least 120 credits may graduate with a Bachelor of Science in Education but will not be eligible for Pennsylvania Department of Education Certification.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 18
PSY 123	Introduction to Psychology	3		Content Area Elective	3
SOC 101	Comparative Sociology	3		Core	3
	Core	3		Core	3
	Core	3		History/Government Elective II	3
	History/Government Elective I	3	TED 111	Intro to Education	3
TED 101	Freshman Seminar *or*	0	TED 121	Ed Technology	3
TED 102	Transfer Seminar	0	TED 191	Freshman Field	0

Sophomore Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 17
	Core	3		Core	3
PHL 123	Self Images	3		Core	3
	Content Area Elective	3		Core	3
	Core	3	TED 251	Curriculum	3
TED 231	Learning	3	TED 261	Teaching	3
TED 241	Development	3	TED 271	Classroom Management	2
TED 292	Sophomore Field 1	0	TED 293	Sophomore Field 11	0

Junior Year

First Semester		*Total Credits* 12	*Second Semester*		*Total Credits* 13
	Content Area Elective	3		Free elective	3
TED 381	Reading Methods 1	3	TED 382	Reading Methods II	3
TED 384	Math Methods	3	TED 385	Math Methods II	3
TED 352	Curriculum/Elementary	1	TED 386	Art Methods	1
TED 363	Methods/Elementary	2	TED 387	Music Methods	1
TED 294	Junior Field	0	TED 373	Class Management/Elementary	1
			TED 395	Junior Practicum	1

Senior Year

First Semester		*Total Credits* 13	*Second Semester*		*Total Credits* 15
	Core	3		Content Area Elective 5	3
	Content Area Elective	3		Core	3
	Free elective	3	TED 497	Student Teaching	9
	Free elective	3			
TED 443	Parent Conferencing	1			
TED 401	Senior Seminar	0			
TED 496	Senior Field	0			

Special Education Major Special Education Certification(Mentally/Physically Handicapped)

Division of Behavioral Science, Education, and Business
Degree: B.S./Special Education
Department Chairperson: Joseph Rogan

College Misericordia'a Special Education (SPED) program is designed to prepare teachers to work with individuals who are mentally retarded, learning disabled, emotionally disturbed, physically handicapped and multihandicapped between the ages of birth and 21. The program is fully approved by the Pennsylvania Department of Education and leads to an "Instructional I" teaching certificate (Mentally and Physically Handicapped) honored in Pennsylvania and many other states.

Preservice teachers in SPED must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experience required by the SPED specialization, and a Content Area Major.

SPED majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experiences and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the SPED program are eligible for recommendation by the College to the Pennsylvania Department of Education for a state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania, our graduates usually have no difficulty becoming certified in other states.

SPED majors may choose to declare a second major in Elementary Education. SPED/ELED graduates would be eligible for certification in both Elementary and Special Education (Mentally and Physically Handicapped).

Combined Program in Special Education and Elementary Special Education and Elementary Certifications

College Misercordia's unique combined program in Special and Elementary Education (SPED/ELED) prepares teachers to work with individuals who are mentally retarded, leaning disabled, emotionally disturbed, physically handicapped and multihandicapped between the ages of birth and 21 and students in kindergarten through sixth grade. Rather than just require two sets of courses, the combined program features integrated courses that address both typically and atypically developing students. The combined program is fully approved by the Pennsylvania Department of Education and leads to two "Instructional I" teaching certificates (Mentally and Physically Handicapped and Elementary Education) honored in Pennsylvania and many other states.

Preservice teachers in SPED/ELED must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experiences required by combined specialization, and a Content Area Major. The program may take more than the standard eight semesters.

SPED/ELED majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experience and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the SPED/ELED program are eligible for recommendation by the College to the Pennsylvania Department of Education for state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for two "Instructional I" certificates. Once certified in Pennsylvania, our graduates usually have no difficulty becoming certified in other states.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 18
PSY 123	Introduction to Psychology	3		Content Area Elective	3
SOC 101	Comparative Sociology	3		Core	3
	Core	3		Core	3
	Core	3		History/Government Elective 2	3
	History/Government Elective I	3	TED 111	Intro. to Education	3
TED 101	Freshman Seminar *or*	0	TED 121	Ed. Technology	3
TED 102	Transfer Seminar	0	TED 191	Freshman Field	0

Sophomore Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 17
	Core	3		Core	3
PHL 123	Self Images	3		Core	3
	Content Area Elective 2	3		Core	3
	Core	3	TED 251	Curriculum	3
TED 231	Learning	3	TED 261	Teaching	3
TED 241	Development	3	TED 271	Classroom Management	2
TED 292	Sophomore Field 1	0	BTED 293	Sophomore Field 11	0

Junior Year

First Semester		*Total Credits* 13	*Second Semester*		*Total Credits* 17
	Content Area Elective 3	3		Free elective	3
TED 381	Reading Methods 1	3	TED 382	Reading Methods II	3
TED 384	Math Methods I	3	TED 385	Math Methods II	3
TED 352	Curriculum/Special	1	TED 363	Methods/Life Skills	3
TED 294	Junior Field	0	TED 365	Methods/Learning Support	2
TED 342	Characteristics MPH	3	TED 374	Management/Special	1
			TED 375	Management/Support	1
			TED 395	Junior Practicum	1

Senior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 15
	Core	3		Content Area Elective	3
	Content Area Elective	3		Core	3
	Free elective	3	TED 497	Student Teaching	9
	Free elective	3			
TED 322	Assistive Technology	3			
TED 443	Parent Conferencing	1			
TED 401	Senior Seminar	0			
TED 496	Senior Field	0			

English Major

Division of Humanities
Degree: B.A./English
Department Chairperson: Richard Lynch

The English curriculum emphasizes the development of critical reading and writing skills as an essential preparation for professional life or graduate school. Students in English most often seek careers in writing, editing, journalism, law, or teaching at the high school or college level. The English major gives students the ability to adapt to different job markets and career changes. In addition to its focus on improving writing and analytical skills, the program ensures a familiarity with different critical approaches to literature and an understanding of different literary forms, movements, and periods, particularly in the literature of Ireland, Great Britain, and America.

Students may choose from two tracks: Literature or Professional Writing.

The Literature Track provides students with a firm background in English and American literature, in addition to courses in a variety of areas of interest to the faculty, such as Russian literature, film and literature, the protest novel in America, and the literature of revolution. This track has the largest number of free electives and allows students to specialize in Pre-law, obtain Secondary Education Certification, or minor in any area of interest. The Literature Track also provides an excellent preparation for those planning to go on to graduate school.

The Professional Writing Track is designed for those interested in careers in writing and related fields such as journalism, feature writing, magazine article writing, publishing, editing, technical writing, advertising, script writing for radio and television, screen writing for film, and other kinds of creative writing. It is also appropriate for students interested in a career teaching writing.

The sequence of required courses given above is for the Literature Track. Requirements for the Professional Writing Track are as follows: 12 credits of advanced writing courses, including 3 credits of ENG 203 and 9 credits selected from ENG 325, ENG 339, ENG 341 (may be taken twice, for up to 6 credits), and ENG 343; 6 credits of internship at local media outlets, PR offices, etc; 18 credits of advanced literature, including Shakespeare, at least four 300-level period courses, and at least one ENG 415; 3 credits of ENG 450 (Senior Thesis). Students in the Writing Track also have to meet the advanced history and foreign language requirements.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
LNG	Foreign Language	3	LNG	Foreign Language	3
MTH	Math Bank I	3	MTH	Math Bank II	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
ENG 215	Shakespeare	3	ENG	300 Level Lit. Course	3
ENG 203	Advanced Expository *or*			Core	3
ENG 341	Imaginative Writing	3			

Junior Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 18
ENG	300 Level Lit Course	3	ENG	300 Level Literature Course	3
	Free elective	3		Free elective	3
	Free elective	3	ENG	300 Level Literature Course	3
HIS	Advanced History	3	ENG 318	Language Studies	3
	Core	3		Free elective	3
	Free elective	3		Free elective	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
ENG	300 Level Literature Course	3	ENG 415	Selected Studies	3
ENG 450	Senior Thesis	3	HIS	Advanced History	3
ENG 415	Selected Studies	3		Free elective	3
	Free elective	3		Free elective	3
	Free elective	3		Free elective	3

Total required for graduation 126 credits

In unusual situations, the English Department Chairperson may approve changes in specific course requirements. Final approval for transfer credits in English or approval of off-campus courses in English rests with the English Department Chairperson.

Pre-Law Specialization

English majors interested in the legal profession may specialize in Pre-Law. Misericordia's Pre-Law specialization was developed in accordance with the Association of American Law Schools, which recommends that prospective law students have a broad liberal arts background. The combination of English and Pre-Law makes an excellent preparation for the LSAT. For further information on the Pre-Law specialization, please see p. 76.

Secondary Education Certification

College Misericordia's Secondary Education Program in English prepares students to teach English at the junior high/high school level. In addition to providing the necessary knowledge base in language and literature, the program gives students the skills to identify and assist students with learning disabilities and to use technology effectively in the classroom. The program is fully approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania for grades 7-12, and transferable to many other states. For further information on English/Secondary Education, please see p. 43-44.

Internships

English majors and others may receive academic credit for supervised and evaluated work on *Instress,* the student literary magazine, and The Misericordian, the student newspaper. English majors often do internships for credit during their junior and senior years at local media outlets and other businesses. These outlets include two daily newspapers, weekly newspapers, several local radio stations and public relations offices, and local TV affiliates for ABC, CBS, NBC, FOX, and PBS. Internships are available for students in English/Pre-Law at local law offices and the County Prosecutor's Office.

General Requirements

Incoming freshmen seeking admission to the college as English majors must meet the general and specific admissions requirements of the college as stated in this catalogue. In cases where the student does not fully meet those requirements, a personal interview will be required.

Continuation as an English major requires that the student maintain a minimum 2.0 or "C" average, both in the major and in the overall grade point average.

Transfer students must complete all of the English requirements as listed in the sequence of required courses in this catalogue.

Recommendations

To receive a recommendation for graduate school or law school, students must maintain a minimum 3.0 or "B" average, both in the major and in the overall grade point average.

English Major Secondary Education Certification

Department Chairperson: Richard Lynch
Secondary Education Director: Joseph Rogan

College Misericordia's Secondary Education Program in English (SECED/ENG) is designed to prepare junior high school and secondary school teachers of English. A unique aspect of the program is that it prepares teachers to effectively deal with students with disabilities who are likely to be included in their classes. Our SECED/ENG program has been continually refined to keep pace with developments in the profession. It is approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania (grades 7-12) and transferable to many other states.

Effectively, students majoring in SECED/ENG must complete two majors, one in teacher education and one in English. Accordingly, they have two academic advisors who cooperate to keep students on track. Each semester they must meet with both of their advisors.

Preservice teachers in SECED/ENG must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experiences required by the SECED specialization, and a Content Area Major in English.

SECED/ENG majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experiences and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the SECED/ENG program are eligible for recommendation by the College to the Pennsylvania Department of Education for state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania, our graduates usually have no difficulty becoming certified in other states.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 18
ENG	Core	3	ENG	Core	3
HIS	Core	3	HIS	Core	3
LNG	Foreign Language	3	LNG	Foreign Language	3
PHL 101	Self Images	3	MTH	Math Bank II	3
MTH	Math Bank I	3	TED 111	Intro. To Education.	3
TED 101	Fresh. Seminar *or*		TED 121	Education. Tech.	3
TED 102	Transfer Seminar	0	TED 191	Fresh. Field	0
ENG 120	Theatre Prod.	1			

Sophomore Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 17
	Core	3		Core	3
	Core	3		Core	3
ENG 203	Advanced Expos *or*		ENG 300	Level Lit.	3
ENG 341	Imaginative Writing	3	TED 251	Curriculum	3
ENG 215	Shakespeare	3	TED 261	Teaching	3
TED 231	Learning	3	TED 271	Class Management.	2
TED 241	Development	3			
TED 292	Sophomore Field	0			

Junior Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 17
SOC 101	Comparative Soc *or*			Adv.anced History Elective	3
BUS 207	Contemporary Economics	3	ENG 300	Level Lit.	3
	Advanced History Elective	3	ENG 415	Selected Studies	3
ENG 300	Level Lit.	3		Core	3
ENG 300	Level Lit.	3		Core	3
	Core	3	TED 377	Class Management Secondary Ed.	1
TED 356	Curriculum in Secondary Ed.	1	TED 395	Junior Practicum	1
TED 367	Methods in Secondary Ed.	2			
TED 294	Junior Field	0			

Senior Year

First Semester		*Total Credits* 13	*Second Semester*		*Total Credits* 12
ENG 300	Level Lit.	3	TED 497	Student Teaching	9
ENG 415	Selected Studies	3	ENG 450	Senior Thesis	3
ENG 318	Language Studies	3			
TED 443	Parent Conferences.	1			
TED 401	Senior Seminar	0			
TED 496	Senior Field	0			
PSY 123	Intro. To Psychology	3			

Total required for graduation 129 credits

General Studies Major

Degree: B.S. or B.A./ General Studies
Program Director: Donald Fries

The General Studies program at College Misericordia was created to provide the opportunity for students who have previous college credits in career oriented programs to earn a Bachelor's Degree through additional study at College Misericordia.

Professional course credits completed in prior study can be combined with additional credits and will qualify the candidate for the Bachelor's Degree. The degree obtained may be a Bachelor of Science or a Bachelor of Arts, each with a major in General Studies, depending on the courses completed at College Misericordia. The degree may be earned by attending day and evening classes or through the McAuley Weekend College for adults.

Individual programs of study are designed by the student with the assistance of the program director.

At least 30 credits must be earned in upper level courses. In addition, at least 30 credits must be earned at College Misericordia. These two requirements may be satisfied by the same 30 credits.

Completion of the core curriculum is required either directly or by reasonable substitute as prescribed by the Registrar in the course of transcript selection. Continuation as a General Studies major requires a 2.0 average.

Total required for graduation 129 credits

Gerontology Certificate

Division of Behavioral Science, Education, and Business
Degree: May be taken in support of several degrees
Department Chairperson: Dennis Fisher

Gerontology is the study of aging, a normal process in the human lifespan. The rapid development and expansion of programs and services for elderly persons in America, and the anticipated increase in the number of persons living to old age, have escalated the demand for professionals trained to work in the field of aging.

The Gerontology program prepares graduates for positions in agencies and institutions which administer health and community-based services for the aged. Career opportunities exist in nursing homes, hospitals, senior citizen centers, area agencies on aging, nutrition programs, rehabilitation centers, social welfare agencies and other organizations. The program also enhances the knowledge and skills of individuals currently involved in the provision of such services.

The Gerontology certificate program is also offered to students who are not pursuing a degree at College Misericordia. These individuals may take the Gerontology course of study by itself, or in conjunction with other continuing education courses.

In addition, College Misericordia also offers a minor and a specialization in Gerontology for students pursuing related courses of study at the College. A minimum of 15 credits is necessary to complete requirements for a Gerontology certificate, specialization, or minor.

Sequence of Required Courses *Total Credits* 15

GER 241	Intro. to Social Gerontology	3
GER 375	Aging Policies and Programs	3

Select three (3) courses from the following

GER 276	Psychology of Aging	3
GER 292	Older Women	1–3
GER 304	Nutrition and Aging	3
GER 306	Health & Physiology of Aging	3
GER 341	Substance Abuse & the Aged	3
GER 358	Counseling the Older Adult	1–3
GER 392	Seminar	3
GER 410	Adult Protective Services	1–3
GER 470	Practicum	3
GER 413	Gerontology Co-op Education	3
GER 480	Independent Study	3
	Approved Field Practicum	3

Health Science

Division of Health Sciences
Degree: B.S./Health Professions
Department Chairperson: Catherine Perry Wilkinson

Occupational Therapy and Physical Therapy are five year entry level Masters programs. Students completing this curriculum will receive the Bachelor of Science degree in Health Science as part of their Master's degree program.

History Major

Division of Humanities
Degree: B.A./History
Department Chairperson: Donald Fries

Following a major course of study in History provides a student with a strong liberal arts background. The study of history can broaden a student's perspective of local, national and international issues. It fosters an understanding of the complexity of human motivation and action and provides a critical approach to looking at the past. College Misericordia's History program cultivates the ability to think, write and speak clearly and precisely with thoroughness and independence. The program is for intellectual growth.

History majors must fulfill the College's core curriculum requirements in addition to completing 36 credits in history. Advanced history courses require six credits of core history courses as prerequisites.

Pre-Law Specialization

The Pre-Law specialization at College Misericordia was developed in accordance with the Association of American Law Schools which recommends that prospective law students have a broad liberal arts background. The program represents sound preparation for the Law School Admission Test and the study of law. For further information on the Pre-Law specialization, please see p. 76.

Secondary Education Certification

College Misericordia's Secondary Education Program in History is designed to prepare secondary school Social Studies teachers and particularly to equip them with the skills to identify and assist students with learning disabilities. The emphasis is on history with a number of courses in political science, geography, sociology, anthropology and economics. This program has been continually refined to keep pace with developments in the field of education. The program is fully approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania (grades 7-12) and transferable to many other states. For further information on History/Secondary Education, please see p. 47.

General Requirements:

Incoming Freshman seeking admission to the college as History majors must meet the general and specific admissions requirements of the college as stated in this catalog. In those cases where the student does not fully meet the college admissions requirements, a personal interview will be required.

Continuation as a History major requires that the student maintain a minimum of a 2.0 or "C" average in the major and a similar total grade point average. A student on Academic Probation for two consecutive semesters will be dismissed from the major.

Transfer students must complete all the History requirements as listed in the sequence of courses in the college catalog.

Internship:

Internships for history majors are assigned on the basis of availability. Pre-Law Internships are required as a part of the Pre-Law specialization. Majors who desire to pursue Internships must receive prior approval of the Program Director or work out the details with the Pre-Law Advisor. Internships may only be taken if the student has a "B" average in the major and Pre-Law specialization and is a fully accredited junior or senior.

Recommendations:

To receive a recommendation for graduate study or law school, the student must maintain the minimum of a "B" in the major, Pre-Law specialization and total grade point average.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
LNG	Foreign Language	3	LNG	Foreign Language	3
HIS 101	Western Civilization I	3	HIS 102	Western Civilization II	3
MTH	Math Bank I	3	MTH	Math Bank II	3
ENG	Core	3	ENG	Core	3
PHL 101	Self Images	3	PHL	Core	3

Sophomore Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 18
FA	Core	3	FA	Core	3
SCI	Core	3	SCI	Core	3
BEB	Soc., Psych. or Econ.	3	BEB	Soc., Psych. *or* Econ.	3
HIS 103	U.S. History I	3	HIS 104	U.S. History II	3
HIS 210	History of England	3	HIS	Free elective	3
POL 100	Am. National. Government.	3	POL 103	Global Politics	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
HIS 405	Seminar or History	3	HIS 491	Junior Research Seminar	3
RLS	Core	3	RLS	Core	3
	Free elective	3	HIS	Free elective	3
	Free elective	3		Free elective	3
HIS/POL	Free elective	3	POL 308	Comparative Politics	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
HIS	Free elective	3	HIS/POL	Free elective	3
ENG	Free elective	3	ENG	Free elective	3
HIS/POL	Free elective	3	SOC 221	Cultural Minorities	3
	Free elective	3		Free elective	3
	Free elective	3	GEO 202	Cultural World Geography.	3

Total required for graduation 126 credits

History Secondary Education Certification

Department Chairperson: Donald Fries
Director of Secondary Education: Joseph Rogan

College Misericordia's Secondary Education Program in Social Studies(SECED/SOC) is designed to prepare junior high school and secondary school teachers of History. The program emphasizes studies in History with a number of courses in Political Science, Geography, Sociology, and Anthropology. A unique aspect of the program is that it prepares teachers to effectively deal with students with disabilities who are likely to be included in their classes. Our SECED/SOC program has been continually refined to keep pace with developments in the profession. It is approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania (grades 7-12) and transferable to many other states.

Effectively, students majoring in SECED/SOC must complete two majors, one in teacher education and one in History. Accordingly, they have two academic advisors who cooperate to keep students on track. Each semester they must meet with both of their advisors.

Preservice teachers in SECED/SOC must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experiences required by the SECED specialization, and a Content Area Major in History.

SECED/SOC majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experiences and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the SECED/SOC program are eligible for recommendation by the College to the Pennsylvania Department of Education for state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania, our graduates usually have no difficulty becoming certified in other states.

Sequence of Required Courses
Education courses will be placed in the curriculum sequence under the advisement of the Department Chair in Education.

Interdisciplinary Studies

Student Designed Major
Degree: B.A. or B.S./Interdisciplinary Studies
Department Chairperson: Richard Lynch

This degree is designed for students who have an interest in designing their own major program of study under the mentorship of an assigned faculty advisor. Courses can be selected across program lines and among several cooperating higher educational institutions. Independent study opportunities can be designed between students and interested faculty, guided internships can be arranged.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
PHL 101	Self Images	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
	Foreign Language I	3	LNG	Foreign Language II	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
MAJOR	Specialization	3	MAJOR	Specialization	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
MAJOR	Specialization	6	MAJOR	Specialization	6
MINOR		3	MINOR		3
	Core	3		Core	3
	Free elective	3		Free elective	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
MAJOR	Specialization	6	MAJOR	Specialization	6
MINOR		6	MINOR		3
	Free elective	3		Free elective	3
				Free elective	3

Total required for graduation 120-126 credits

Mathematics Major

Division of Mathematical and Natural Sciences
Degree: B.S. or B.A./Mathematics
Department Chairperson: Patrick Touhey

Mathematics has been called the "queen of the sciences." In recent years, the increased use of statistics and quantitative methods, and the computer revolution, have caused mathematics to pervade not only the physical sciences, but the life and social sciences as well. Mathematical techniques are widely used in research, in industry, manufacturing, commerce and government. Recognizing these broad applications, College Misericordia designed its major program in Mathematics to expose students to both classical and contemporary areas.

The Mathematics major prepares students for careers in business, industry or government, or for future study in graduate or professional school.

Students may choose to pursue either a B.S. or B.A. degree in Mathematics. The required mathematics courses for either degree are the same. Students who choose a B.A. must complete PHY 221-222; those choosing a B.S. must complete PHY 221-222 and either CHM 133-134 or BIO 101-102.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
CPS 101	Intro to Programming: C	3	CPS 121	Computer Programming	3
MTH 151	Calculus I	3	MTH 152	Calculus II	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 16
MTH 225	Calculus III	4	MTH 363	Abstract Algebra I	3
MTH 244	Set Theory & Logic	3		Free elective	3
PSY 221	Gen Physics I	4	PHY 222	Gen Physics II	4
	Core	3		Core	3
	Core	3		Core	3

Junior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 16
MTH 364	Abstract Algebra II	3	MTH 341	Real Analysis I	3
MTH 241	Linear Algebra	3	MTH 242	Differential Equations.	3
MTH	Free elective	3	MTH 215	Math Stats	3
	Core	3		Core	3
	Free elective	4		Free elective	4

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 12
MTH 342	Real Analysis II	3		Free elective	3
	Free elective	3		Free elective	3
MTH 480	Independent Study	3	LANG	Foreign Language I	3
	Free elective	3		Free elective	3
LANG	Foreign Language I	3			

Total required for graduation 122 credits

Upper division courses are offered in alternate years, so that a student's schedule may not follow this sequence exactly. For example, courses that are shown in the senior year may be taken in the junior year and vice versa.

Mathematics Major

Secondary Education Certification

Department Chairperson: Patrick Touhey
Director of Secondary Education: Joseph Rogan

College Misericordia's Secondary Education Program in Mathematics (SECED/MTH) is designed to prepare junior high school and secondary school teachers of mathematics. A unique aspect of the program is that it prepares teachers to effectively deal with students with disabilities who are likely to be included in their classes. Our SECED/MTH program has been continually refined to keep pace with developments in the profession. It is approved by the Pennsylvania Department of Education and leads to a teaching certificate valid in Pennsylvania (grades 7-12) and is transferable to many other states.

Effectively, students majoring in SECED/MTH must complete two majors, one in teacher education and one in Mathematics. Accordingly, they have two academic advisors who cooperate to keep students on track. Each semester they must meet with both of their advisors.

Preservice teachers in SECED/MTH must successfully complete the College's liberal arts core curriculum, a series of generic Teacher Education Department (TED) courses and field experiences, the courses and experiences required by the SECED specialization, and a Content Area Major in Mathematics.

SECED/MTH majors must satisfactorily complete a series of field experiences that begin during the second semester of the freshman year and continue every semester until graduation. By graduation our preservice teachers will have spent at least 700 hours in community classrooms. During students' final semester they must complete a fifteen-week student teaching assignment, actually two separate placements for about seven weeks each. All field experiences and teaching assignments are arranged by the College. Transportation to and from field experience and student teaching assignments is the responsibility of the student.

Students who successfully complete the SECED/MTH program are eligible for recommendation by the College to the Pennsylvania Department of Education for state teacher certification. The College's recommendation and the successful completion of other requirements established by the state, including meeting the pass scores specified by the state on the National Teacher Examination, qualify graduates for an "Instructional I" certificate. Once certified in Pennsylvania, our graduates usually have no difficulty becoming certified in other states.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 18
CPS 101	Intro to Programming: C	3	CPS 121	Computer Programming	3
MTH 151	Calculus I	3	MTH 152	Calculus II	3
	Core	3		Core	3
	Core	3		Core	3

	Core	3	TED 111	Intro. to Education	3
TED 101	Freshman Seminar	0	TED 121	Education. Technology	3
			TED 191	Freshman Field	0

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 18
MTH 225	Calculus III	4	MTH 363	Abstract Algebra I	3
MTH 244	Set Theory & Logic	3	PHY 222	General Physics II	4
PHY 221	General Physics I	4		Core	3
TED 231	Learning	3	TED 251	Curriculum	3
TED 241	Development	3	TED 261	Teaching	3
TED 292	Soph. Field I	0	TED 271	Class Management	2
			TED 293	Soph. Field II	0

Junior Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 17
MTH 364	Abstract Algebra II	3	MTH 341	Real Analysis I	3
MTH 241	Linear Algebra	3	MTH 242	Differential Equations	3
MTH 200	Historical. Perspectives Math	3	MTH 215	Math Stats	3
	Core	3		Core	3
	Core	3		Core	3
TED 352	Curriculum/Second	1	TED 374	Class Management/Second	1
TED 363	Methods/Second	2	TED 395	Jr. Practicum	1
TED 294	Jr. Field	0			

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 16
MTH 342	Real Analysis II	3	TED 443	Parent Conferencing	1
MTH 351	Geometry	3	TED 497	Student Teaching	9
	Free elective	3		Free elective	3
	Core	3		Free elective	3
	Core	3			
TED 401	Senior Seminar	0			
TED 496	Senior Field	0			

Total required for graduation 131 credits

Medical Imaging Major

Division of Health Sciences
Degree: B.S. Medical Imaging, *Education Specialization, Management Minor, General Program*
Department Chairperson: Elaine Halesey

College Misericordia's program in medical imaging is accredited by the Joint Review Committee on Education in Radiologic Technology as well as by the Pennsylvania Department of Education. The most recent accreditation review in 1998 awarded the program the maximum period granted. The next review is scheduled for 2006. With a focus on radiography, the program provides students with didactic and laboratory instruction in conjunction with practical application to human subjects. This instruction will provide students with knowledge and practical skills necessary to assume positions in diagnostic radiology or other imaging modalities, or to pursue certification in specialty areas. Students will be eligible to sit for the American Registry of Radiologic Technologists examination in radiography upon graduation.

Philosophy

The Medical Imaging Department of College Misericordia subscribes to the philosophy of the institution, which can be found on page 5 of this document.

More specifically, the medical imaging program subscribes to the philosophy that the radiographer (radiologic technologist) is an integral member of the health care team. Our program is designed to provide the necessary professional skills, the progressive maturity, and the intellectual, social, emotional, and spiritual values, for the student to be entrusted with the responsibility as a member of the health care team.

As the curriculum is based on these philosophical and theological implications, it is imperative that the student learn the necessary scientific principles as well as accept responsibilities for the patient, fellow human beings, the profession and self.

The philosophy then of the Medical Imaging Program is to educate the student to become a holistic and professional person, that is, who is not only educated in the art and science of Medical imaging but who, through education and experience, has become a well rounded, mature, concerned and skilled professional.

Program Outcomes

All graduates of the medical imaging program will be able to:

1. Recognize the needs of the patient are first and foremost and possess the knowledge and skills to attend those needs, while adhering to the ARRT Code of Ethics.
2. Interact and communicate with the community, medical staff, and fellow colleagues in a professional and humanistic manner.
3. Recognize emergency patient conditions and initiate life-saving first aid and basic life support procedures.
4. Use knowledge and skills obtained through program education to obtain diagnostic radiographs while applying the principles of radiation protection for the patient, self and others.
5. Use independent judgement to interpret and evaluate the finished radiograph for its technical merits.
6. Demonstrate concern for staying abreast of new developments in the field, as well as further self-development.
7. Demonstrate critical thinking and writing skills.
8. Apply the knowledge and skills obtained through program education to successfully pass the examination given by the ARRT.

Curricula

The Bachelor of Science Degree in Medical Imaging incorporates the College's core curriculum requirements which provide a liberal arts foundation. Building on the broad-based general education the program provides all necessary course work as mandated by The Joint Review Committee on Education in Radiologic Technology (JRCERT), a national accrediting agency for medical imaging programs in the United States.

College Misericordia provides students the opportunity to pursue one of three program options, which reflect the diversity of career paths in Medical Imaging. All three of the curricula prepare students to be radiographers, and no matter what option is chosen, students at the same level in the program will be enrolled in the same medical imaging courses.

B.S. Medical Imaging: Specialization in Education

This curriculum provides students with a strong background in the methodology and theory necessary for positions as Medical Imaging instructors in hospitals or institutions of higher learning.

B.S. Medical Imaging: Minor in Management

This curriculum provides students with a strong background in the skills and theory necessary for supervisory or administrative positions.

B.S. Medical Imaging: General Program

This curriculum provides the same solid education as the other two, but allows for more flexibility to pursue other areas of interest through free electives.

Internship Option

The internship option is an intensive experience in a particular specialty area of medical imaging in order to gain cross-training and/or experience under the direct supervision of a radiographer skilled in that area. The student has the option of applying for an internship in one of the following areas (availability of areas may vary depending upon commitments from clinical education centers): CT, Nuclear Medicine, Ultrasound, Magnetic Resonance Imaging (MRI), Mammography, Cardiac Catheterization, Special Procedures, Bone Densitometry or Radiation Oncology.

Policies

In addition to the general policies of College Misericordia, the following regulations apply:

Transfer students will be considered providing the entrance requirements are met; however, they must follow the sequence of courses for the major as listed in the catalog beginning with the fall semester sophomore year. Depending upon the number of credits accepted for transfer, students may complete all graduation requirements by December of the senior year.

Classification of Students

Due to the sequential nature of the medical imaging curricula students are identified in levels, regardless of their standing according to the Program's classification, as:

Freshman	Those students enrolled in MI 101, Intro. to Radiography;
Sophomore	Those students enrolled in MI 112, Methods of Patient Care (Fall), and MI 140, Clinic I (Spring);
Junior	Those students enrolled in MI 225, Clinic III (Fall), and MI 245, Clinic IV (Spring);
Senior	Those students enrolled in MI 265, Clinic VI (Fall), and MI 275, Clinic VII (Spring).

Clinical Placement/Experience

To be eligible for clinical placement, a student must have completed all prerequisite courses that apply toward major and have an overall GPA of 2.0. Once a student is selected for placement in a clinical education center, the complete set of the policies and procedures as published in the program relating to the clinic is expected to be read thoroughly by each student and will be reviewed by clinical faculty prior to commencement of clinical experience.

Students are required to provide their own transportation to and from the clinical education centers.

College Misericordia is currently affiliated with the following clinical education centers:

Wyoming Valley Health Care Systems, Inc. Nesbitt Campus, Kingston, PA

Mercy Health System Northeast Region, South, Wilkes-Barre, PA

Mercy Health System Northeast Region, North, Scranton, PA

Moses Taylor Hospital, Scranton, PA

Penn State/Geisinger Wyoming Valley Medical Center, Plains Township, PA

Marian Community Hospital, Carbondale, PA

Tyler Memorial Hospital, Tunkhannock, PA

Additional clinical education centers available to students during their senior year are:

Bruno & Orlando Associates, Pittston, PA
Good Samaritan Regional Medical Center, Pottsville, PA
Hanover Radiology, Wilkes-Barre, PA
InterMountain Medical Group, Kingston, PA
MRI of Easton, Easton, PA
Muhlenberg MRI Center, Bethlehem, PA
Pocono MRI, Stroudsburg, PA
Steindel Malloy Cronkey & Chiavacci Ltd., Scranton, PA
The Cancer Center of Wyoming Valley, Wilkes-Barre, PA
Valley Radiology Associates, Inc., Kingston, PA
Wilkes-Barre Imaging Center, Wilkes-Barre, PA
Wyoming Valley Health Care Systems, Inc., Wilkes-Barre, PA
Wyoming Valley Imaging Center, Wilkes-Barre, PA

Health Examination

As a requirement to the commencement of clinical experience, students are required to submit a clinical affiliation report to the Director of Health Services each year they are enrolled in a clinical experience. A complete list of required exams and immunizations will be provided to all Medical Imaging majors in the summer semester prior to the beginning of their first clinical rotation.

The clinical affiliation report MUST be submitted to the Director of Health Services of College Misericordia by the student and as one complete packet no later than the date specified in correspondence by the department chairperson. Normal results are good for a period of 1 year.

Special Expenses

In addition to the College tuition and fees, expenses for the Medical Imaging major include: CPR certification and recertification, malpractice liability insurance, uniforms, Student Handbook, American Registry Examination fee, health examination, and immunization fees.

Admission, Retention, and Graduation Requirements

The following policies with respect to retention, promotion, graduation, probation, and dismissal supersede any policy statements and/or information set forth in previous college catalogs.

Admission into Medical Imaging

A candidate who wishes to be considered for the Medical Imaging Program must meet the College's general admissions requirements. In addition, a student applying for admission should also have at least three years of high school mathematics and one year of biology, achieving a minimum grade of "C" in each course. Chemistry and physics are recommended but not required. Interviews should also be arranged with the department chairperson. The statement regarding the program's technical standards, pregnancy policy, and American Registry of Radiologic Technologists (ARRT) exam eligibility policy will be sent to all accepted students.

Observation is required in a local hospital's Radiology Department for a minimum of either eight (8) hours in one day or two half-days consisting of four (4) hours each. This will involve a morning and an afternoon. Students may contact the department chairperson at College Misericordia for assistance in arranging this experience. Documentation by the cooperating institution is required and must be submitted to the department chairperson by August 15, prior to the start of the freshman year. Forms may be obtained by contacting the Medical Imaging program secretary.

For transfer students, advanced placement may be considered providing clinical space is available, the student has a minimum GPA of 2.0, has earned a minimum of 24 credits that apply toward the major, and all pre-admission criteria have been met.

If admission is granted conditionally upon completion of ALL pre-admission criteria, requirements for course grades of "C-" or better apply.

Retention
Freshman:

Cumulative GPA of 2.0 at the end of the spring semester. A GPA of 1.70–1.99 may be considered providing clinical space is available; however, the student will be on program PROBATION and stipulations regarding retention may be required by the department chairperson. (See Probation Policy.)

Sophomore, Junior, and Senior Year

Cumulative GPA of 2.0 at the end of the spring semester of each year. A minimum grade of "C-" in all MI coded courses, BIO 211/212, and PHY 107/108.

Promotion

Cumulative GPA of 2.0 at the end of each year. Satisfactory completion of all required courses.

Additional Promotion Requirements:

A. Prior to the start of the sophomore year, a second observation in a hospital Radiology Department is required for a minimum of either eight (8) hours in one day or two half-days consisting of four (4) hours each. This will involve a morning and an afternoon. Students may contact the department chairperson at College Misericordia for assistance in arranging this experience. Documentation by the cooperating institution is required and must be submitted to the Department Chairperson by August 15. Forms may be obtained by contacting the program secretary.

B. Submission of CPR certification to the Clinical Coordinator prior to the start of clinic and re-certification prior to expiration as long as the student is enrolled in a clinical experience. The student is responsible for attending to expiration dates.

C. Submission of medical documentation to the Director of Health Services which confirms the student's ability to successfully fulfill all program requirements.

Graduation

Cumulative GPA of 2.0, minimum of 125 credits, depending on the track chosen, a score at or above 74% on the Assessment test administered in MI 415, Senior Seminar, and satisfactory completion of all College Misericordia requirements (both financial and academic).

Probation

The student will be placed on program probation for the following semester if any one of the following occurs:

a. the cumulative grade point average is below the stipulated requirement;

b. the student does not attain a score at or above the stipulated percentage on the Assessment test administered in MI 415.

THE STUDENT WILL BE PLACED ON IMMEDIATE PROBATION IF A RECORDED VIOLATION OF THE CODE OF ETHICS OCCURS AT ANY TIME. Code of ethics can be found in the Program Student Handbook.

The student will be removed from program probation when:

a. the stipulated cumulative grade point average is achieved;

b. the terms of probation are met.

STUDENTS CAN BE PLACED ON PROGRAM PROBATION ONLY ONE TIME.

Dismissal

Dismissal of the student from the Medical Imaging Program will result if any one of the following occur:

a. the student commits a "serious" infraction of the Code of Ethics;

b. the student fails to meet the terms of probation;

c. an infraction occurs justifying a second probation;

d. the student does not earn a grade of "C-" or above in all Medical Imaging courses (any course with a MI code), as well as BIO 211/212 and PHY 107/108.

Re-admission

Once a student is dismissed from the Medical Imaging program, he/she may apply for re-admission for the following year. This is due to the sequential nature of the curricula. The student has the opportunity to submit a letter of intent to the department chairperson for re-admission into the program. The request will be presented to the full-time Medical Imaging faculty for consideration providing the following criteria are met: an achieved GPA of 2.0, successful completion of all criteria that were the reason(s) for the initial dismissal, and the provision that clinical space is available.

In addition, students who wish to be considered for re-admission must first grade replace all MI and/or science courses in which a grade of "C-" or above was not earned. Previous performance in both clinical and didactic courses will also be considered. Notification of reacceptance will be in writing from the department chairperson prior to June 1st for the fall semester or January 1st, depending upon which semester this student is re-entering.

Depending upon the reason for the original dismissal as well as the length of time until the student re-enters, students may be required to audit specific program or cognate courses as a stipulation for re-admission. These requirements will be determined by the full-time program faculty and communicated to the student in writing for consideration of acceptance of the re-admission offer. Failure by the student to agree to the conditions for re-admission will result in the offer being revoked. In addition, all re-admitted students must successfully repeat all previously completed clinical competencies on P/F basis only.

If a student is dismissed a second time, he/she will not be re-admitted.

The Medical Imaging department of College Misericordia reserves the right to make changes in these policies providing the need arises.

Medical Imaging Major

General Program *Class of 2003 and Beyond*

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 17
BIO 211	Anatomy & Physiology I	4	BUS 105	Basic Computer Technology	3
	Core	3	BIO 212	Anatomy & Physiology II	4
	Core	3		Core	3
HP 100	Intro to Health Professions	2		Core	3
	Core	3	MTH 115	Statistics	3
			MI 101	Intro to Medical Imaging	1

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
PHL 101	Contemporary Self Images	3	PHY 107	Physics I	3
MI 106	Medical Terminology	1	MI 114	Radiological Procedures II	4
MI 112	Methods of Patient Care	2	MI 126	Rad. Exposure & Processing II	2
MI113	Rad Procedures I	4	MI 140	Clinic I (T,R)	2
MI 125	Rad Exposure & Processing I	3	MI 249	Pathology/Film Critique II	1
MI 248	Pathology/Film Critique I	1			

Summer

Term B	*Total Credits* 3
MI 155	Clinic II *40 hours per week Mon–Fri*

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 14
PSY 123	Intro to Psychology (BSEB Core)	3	PSY 232	Research Methods	3
PHY 108	Physics II	3	MI 220	Rad Physics	2
MI 206	Diagnostic Assessment	2	MI 245	Clinic IV *(M,W, F)*	3
MI 214	Rad Biology & Protection	2	MI 290	Intro to Cross-Sec Anatomy	2
MI 221	Special Procedures	2	MI 305	Advanced Medical Imaging	2
MI 225	Clinic III *(T,R)*	2	MI 450	Quality Management in	
MI 250	Pathology/Film Critique III	1		Medical Imaging Sciences	2

Summer

Term A	*Total Credits* 3
MI 255	Clinic V *40 hours per week Mon–Fri*

Senior Year

First Semester		*Total Credits* 12	*Second Semester*		*Total Credits* 14
BEB	Core	3	PHL 223	Social Ethics	3
MI 265	Clinic VI *(M,W)* Internship Option	2	MI 275	Clinic VII *(T,R)* Internship Option	2
MI 400	Issues in Medical Imaging *First 7 weeks*	1		Core	3
				Free elective	3
MI 415	Senior Seminar *Last 7 weeks*	0		Free elective	3
	Core	3			
	Free elective	3			

Total required for graduation 125 credits

Medical Imaging Major

***Specialization in Education** 18 Credits *Class of 2003 and Beyond*

Freshman Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 17
BIO 211	Anatomy & Physiology I	4	BIO 212	Anatomy & Physiology II	4
	Core	3		Core	3
	Core	3		Core	3
HP 100	Intro to Health Professions	2	MTH 115	Statistics	3
	Core	3	MI 101	Intro to Medical Imaging	1
TED 121	Educational Technology*	3		Core	3

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
PHL 101	Contemporary Self Images	3	PHY 107	Physics I	3
MI 106	Medical Terminology	1	MI 114	Rad Procedures II	4
MI 112	Methods of Patient Care	2	MI 126	Rad Exposure & Processing II	2
MI 113	Rad Procedures I	4	MI 140	Clinic I (T,R)	2
MI 125	Rad Exposure & Processing I	3	MI 249	Pathology/Film Critique II	1
MI 248	Pathology/Film Critique I	1			

Summer

Term B		*Total Credits* 3
MI 155	Clinic II *40 hours per week Mon–Fri*	

Junior Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 14
BUS 105	Basic Computer Technology	3	PSY 232	Research Methods	3
PSY 123	Intro to Psych (BSEB Core)	3	MI 220	Rad Physics	2
PHY 108	Physics II	3	MI 245	Clinic IV *(M,W,F)*	3
MI 206	Diagnostic Assessment	2	MI 290	Intro to Cross-Sec Anatomy	2
MI 214	Rad Bio & Protection	2	MI 305	Advanced Medical Imaging	2
MI 221	Special Procedures	2	MI 450	Quality Management in Medical Imaging Sciences	2
MI 225	Clinic III *(T,R)*	2			
MI 250	Pathology/Film Critique III	1			

Summer

Term A		*Total Credits* 3
MI 255	Clinic V *40 hours per week Mon–Fri*	

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 14
	Core	3	PHL 223	Social Ethics	3
MI 265	Clinic VI *(M,W)* Internship Option	2	MI 275	Clinic VII *(T,R)* Internship Option	2
MI 400	Issues in Medical Imaging *First 7 weeks*	1		Core	3
MI 415	Senior Seminar *Last 7 weeks*	0	TED 251	Curriculum*	3
TED 111	Introduction to Education*	3	TED 261	Teaching*	3
TED 231	Learning*	3			
TED 241	Development*	3			

Total required for graduation 134 credits

Medical Imaging Major

***Minor in Management** 21 Credits *Class of 2003 and Beyond*

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 17
BIO 211	Anatomy & Physiology I	4	BIO 212	Anatomy & Physiology II	4
	Core	3		Core	3

	Core	3
HP 100	Intro to Health Professions	2
	Core	3
	Core	3
MTH 115	Statistics* (Core)	3
PSY 123	Intro to Psychology (BSEB Core)	3
MI 101	Intro to Med. Imaging	1

Sophomore Year

First Semester — *Total Credits* 17

PHL 101	Contemporary Self Images	3
MI 106	Medical Terminology	1
MI 112	Methods of Patient Care	2
MI 113	Rad Procedures I	4
MI 125	Rad Exposure & Processing I	3
MI 248	Pathology/Film Critique I	1
	Core	3

Second Semester — *Total Credits* 15

PHY 107	Physics I	3
MI 114	Rad Procedures II	4
MI 126	Rad Exposure & Processing II	2
MI 140	Clinic I *(T,R)*	2
MI 249	Pathology/Film Critique II	1
	Core	3

Summer

Term B — *Total Credits* 3

MI 155 Clinic II *40 hours per week Mon–Fri*

Junior Year

First Semester — *Total Credits* 18

BUS 208	Principles of Management*	3
PHY 108	Physics II	3
PSY 232	Research Methods	3
MI 206	Diagnostic Assessment	2
MI 214	Rad Bio & Protection	2
MI 221	Special Procedures	2
MI 225	Clinic III *(T,R)*	2
MI 250	Pathology/Film Critique III	1

Second Semester — *Total Credits* 14

BUS 105	Basic Computer Technology	3
MI 220	Rad Physics	2
MI 245	Clinic IV *(M,W,F)*	3
MI 290	Intro to Cross-Sec Anatomy	2
MI 305	Advanced Medical Imaging	2
MI 450	Quality Management in Medical Imaging Sciences	2

Summer

Term A — *Total Credits* 3

MI 255 Clinic V *40 hours per week Mon–Fri*

Senior Year

First Semester — *Total Credits* 15

ACC 101	Principles of Accounting*	3
BUS 207	Contemporary Econ.* (BSEB Core)	3
BUS 360	Mgmt. of Human Resources*	3
	Core	3
MI 265	Clinic VI *(M,W)* Internship Option	2
MI 400	Issues in Medical Imaging *First 7 weeks*	1
MI 415	Senior Seminar *Last 7 weeks*	0

Second Semester — *Total Credits* 14

BUS 420	Small Business Management*	3
BUS 306	Organizational Behavior*	3
	Core	3
PHL 223	Social Ethics	3
MI 275	Clinic VII *(T,R)* Internship Option	2

Total required for graduation 131 credits

Medical Technology Major

Division of Mathematical and Natural Sciences
Degree: B.S./Medical Technology
Program Director: Stanley Knapich

Through its affiliation with hospital schools of Medical Technology, College Misericordia's Medical Technology program enables students to complete the requirements for a Bachelor of Science degree in four years.

Medical Technology majors should apply for acceptance to an affiliated hospital program at the end of their fourth semester at College Misericordia. Admission to a hospital school of Medical Technology for the fourth year of study is not guaranteed.

Following the hospital program, the student is eligible to sit for the certification examinations offered by the Board of Registry of Medical Technologists and the National Accrediting Agency for Medical Laboratory Personnel.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 15
CHM 133	Chem. Principles I	4	CHM 134	Chem. Principles II	4
	Core	3		Core	3
BIO 101	Botany & Intro. Biolog. Princ.	4	BIO 102	General Zoology	4
MTH	Math Bank I	3		Core	3
FA 102		3	MED 100	Intro. to Medical Technology	1

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 17
BIO 251	Compar. Anatomy & Histology	4	BIO 252	Compar. Anatomy & Histotech.	4
CHM 243	Organic Chemistry I	4	CHM 244	Organic Chemistry II	4
PHL 101	Contemp. Self Images	3	SOC 101 *or* ECO 207		3
PSY 123	Introduction to Psychology	3		Core	3
	Core	3		Core	3

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
CHM 353	Biochemistry	3	BIO 243	General Microbiology	4
ENG	Core	3		Free elective	3
	Free elective	3		Core	3
MTH 115	Statistics	3	BIO 360	Immunology	1
	Free elective	3	BIO 346	General Physiology	4

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
MED 400	Clinical Microbiology	8	MED 402	Clinical Hematology/Coagulation	5
MED 401	Clinical Chemistry	7	MED 405	Clinical Seminar	2
			MED 403	Clinical Immunohematology	4
			MED 404	Clinical Immunology/Serology	4

Total required for graduation 126 credits

Medical Technology — Clinical Associates

Lancaster General Hospital, Lancaster, PA
Ms. Nadine F. Gladfelter, M.T., (A.S.C.P.), Program Director

Galal Ahmad, M.D., Pathologist, Medical Director

The Williamsport Hospital Campus, Williamsport, PA

Ms. Loretta Moffatt, Program Director
Dr. Williem Lubbe, Medical Director

Scranton Medical Technology Consortium, Scranton, PA

Ms. MaryGene Butler, M.T., (A.S.C.P.), Program Director
William J. Antognolic, M.D., Medical Director

Robert Packer Hospital, Sayre, PA

Mr. Brian Spezialett, M.S., M.T., (A.S.C.P.), Program Director
Dr. Joseph King, Medical Director

Wyoming Valley Health Care System, Wilkes-Barre, PA

Ms. Maria Nicoletti, M.S., M.T., (A.S.C.P.), Laboratory Program Director
Dr. George Grenaway, Medical Director

Cooper Health System, Camden, N.J.

Ms. Diana Hullihen, M.T., (A.S.C.P.), Program Director
Dr. Edison Catalino, M.D., Medical Director

Nursing Major

Division of Health Sciences
Degree: B.S.N./Nursing
Department Chairperson: Jean R. Steelman

Philosophy

The nursing department supports the mission statement and philosophy of the college. The undergraduate nursing program is based on a complementary relationship between liberal arts and professional studies. The approach to education focuses on critical thinking, as well as on the values and attitudes of justice, mercy, service, and hospitality.

Humans are viewed as intellectual, spiritual and creative beings who are in constant interaction with their environments. Human beings have the potential for self-direction based on their developmental level and are characterized by the capacity for emotion, reasoning, and perceiving. The holistic view of humans takes into account the physical structure, mind and spirit of the individual, as well as the environment in which each functions. Humans interact on the basis of respect for each other's worth and dignity.

The environment as experienced by human beings is multidimensional and dynamic. It can be viewed as encompassing biological, physical, psychological, socio-cultural, political and economic forces. Human beings experience the environment as individuals, families, groups, and communities which can be described in terms of micro-systems and macro-systems.

Health is a dynamic sense of wellness which results from a process of making choices over time. A particular sense of wellness is perceived by individuals and is influenced by their self-esteem, inner sense of meaning, and desire to achieve their highest potential.

Nursing is an art, involved in caring, and a science based on its own theory and research. The nursing process guides nursing practice and involves critical thinking as related to the cognitive, affective, and psychomotor domains of knowing. Ethical and legal issues have a strong impact on the practice of nursing. Professional nursing is a vital, effective health service to the community. The faculty believe that professional nursing is committed to making quality health care available and accessible to all, thus reflecting the commitment to mercy, justice, and service. Professional nursing exerts an influence on, and is influenced by several factors that contribute to the complexity of the health care system. These include: the newly developing patterns of providing services, the roles of other members of the health team, scientific and technological advances, research, and social and economic pressures. Leadership in nursing involves directing and managing client care, as well as collaborating with other health care professionals.

Learning is directed toward the development of values and professional role identification. It is lifelong and involves developmental changes. Learning involves critical thinking, which encompasses analysis and synthesis of knowledge. The faculty believe that learning occurs when the student actively participates in the learning process. Students have the responsibility to achieve their highest potential with the assistance of the faculty who act as facilitators. Teaching, therefore, is a collaborative process in which a student assumes progressive responsibility for personal learning.

Undergraduate education in nursing is built on a strong core of general education requirements and is generic in nature. Included within the undergraduate nursing curriculum are liberal arts and the sciences such as nutrition, anatomy and physiology, and developmental psychology, as well as other pure and behavioral sciences. The undergraduate program prepares nurse generalists who are capable of using nursing research, nursing process, and theories in a variety of settings. Students are prepared for graduate study in nursing.

Program Outcomes

All graduates of the undergraduate nursing program will be able to:

1. Incorporate personal, theoretical and empirical knowledge from the sciences, the humanities and nursing across the lifespan to promote wellness;
2. Utilize a micro/macro systems approach to dealing with individuals, families, groups and the community;
3. Apply nursing theories in the practice of professional nursing;
4. Utilize the nursing process to promote wellness in a variety of settings;
5. Utilize leadership, management and collaborative skills when interacting with other professionals in delivery of health care;
6. Demonstrate legal and ethical responsibility and accountability in making professional decisions; and
7. Utilize nursing research in the practice of professional nursing.

Policies

Policies which are specific to the nursing major are published in the nursing student policy manual. Each student is required to obtain a manual from the nursing office each academic year and be knowledgeable about its contents.

Selection, Advancement and Graduation Criteria

Admission Into Nursing

Students admitted to the Nursing Department (Freshman Year) must meet the general admission requirements of College Misericordia. Applicants must have completed one year each of Chemistry, Biology and Mathematics (including a semester of Algebra) in high school. Students transferring into the Department must meet retention requirements as listed on next page.

Admission into Nursing requires:

A. SAT scores of 850 with a minimum score of 400 in the math and verbal exams
B. 80 high school average
C. C or above in Science and Mathematics courses

Admission into Second Degree Nursing Program requires:

A. Completed bachelor's degree
B. A minimum cumulative grade point average of 2.5
C. Completion of BIO 211, 212, 227, HP 100, PSY 275, F&N 227 (In special circumstances, one or more of these courses can be completed as junior co-requisites with permission of the department chairperson.)

State Board Requirements

The Nursing Department, in accordance with the State Board of Nurse Examiners, advises all nursing students that felonious acts prohibit licensure in Pennsylvania as of January 1, 1997. The following is taken from the Law.

The Board shall not issue a license or certificate to an applicant who has been:

1. convicted* of a felonious act prohibited by the act of April 14, 1972 (P.L. 233, No. 64), known as "The Controlled Substance, Drug, Device and Cosmetic Act", or
2. convicted* of a felony relating to a controlled substance in a court of law of the United States and any other state, territory or country unless:
   a. at least ten years have elapsed from the date of the conviction;
   b. the applicant satisfactorily demonstrates to the Board significant progress in personal rehabilitation since the conviction such that licensure should not create a substantial risk of harm to the health and safety of patients or the public or a substantial risk of further criminal violations, and
   c. the applicant otherwise satisfies the qualifications contained in this act.

A person convicted of any felonious act may be prohibited from licensure by the Board of Nursing at any time.

*Convicted includes a judgment, an admission of guilt or a plea of no lo contendere.

Transfer Students

All non-nursing transfer college credits will be evaluated by the Registrar and the Nursing Department to determine equivalencies. Related field A.A.S. degree holders will complete the maximum of 66 credits at College Misericordia. RN students must complete the majority of non-nursing courses outlined in this catalog before entering nursing courses.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 15
CHM 104	General Chemistry II	3	CHM 105	Intro. to Organic Chemistry	3
PSY 123	Introduction to Psychology	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3	PSY 275	Child & Adolescent Psych.	3
*HP 100	Intro. to Health Professions	2			

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 15
BIO 211	Anatomy and Physiology	4	NSG 210	Concep. Base of Nursing Prac.	2
BIO 227	Bacteriology	4	BIO 212	Anatomy and Physiology	4
	Core	3		Core	3
F&N 241	Fundamentals of Nutrition	3		Core	3
	Core	3		Free elective	3

Junior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 17
NSG 350	Intermed. Nursing Concepts I	3	NSG 351	Intermed. Nursing Concepts II	3
NSG 355	App. of Inter. Nurs. Conc. I	3	NSG 356	App. of Inter. Nurs. Conc. II	3
NSG 361	Clin. App. Inter. Nurs. Conc. I	3	NSG 362	Clin. App. Inter. Nurs. Conc. II	4
NSG 365	Inter. Clin. Nurs. Concepts Strategies & Skills I	1	NSG 366	Inter. Clin. Nurs. Concepts Strategies & Skills II	1
MTH 115	Statistics	3		Core	3
	Core	3		Core	3

Senior Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 15
NSG 410	Intro. Nursing Research	3	NSG 451	Advanced Nursing Concepts II	3
NSG 450	Advanced Nursing Concepts I	3	NSG 456	App. of Adv. Nurs. Conc. II	3
NSG 455	App. of Adv. Nurs. Conc. I	3	NSG 462	Clin. App. of Adv. Nurs. Conc. II	4
NSG 461	Clin. App. of Adv. Nurs. Conc. I	4	NSG 475	Issues in Nursing	2
NSG 466	Adv. Clin. Nurs. Concepts, Strategies & Skills	1		Core	3
	Core	3			

Total required for graduation 129 credits *May be taken either fall or spring of freshman year.

Programs for Non-Traditional Students

The Nursing Department offers two non-traditional routes to the Bachelor of Science in Nursing Degree: the Accelerated Registered Nurse Option and the Second Degree Student Option.

*Accelerated Registered Nurse Option – RN to BSN**

The Accelerated Registered Nurse Option is designed as a part-time program. Most courses are offered in the evening and many non-nursing courses are provided in the accelerated format. Students interested in full-time study should meet with their nursing advisor to carefully plan a program of study.

*An RN-MSN option is available for those students who are interested in and qualified for this option (See Graduate Catalog).

Sequence of Required Courses

Accelerated Registered Nurse Option RN to BSN*

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Natural Science Core	3		Natural Science Core	3
PSY 123	Introduction to Psychology	3		Core	3
	Core	3		Core	3
	Core	3		Free elective	3
	Core	3	F&N 241	Fundamentals of Nutrition	3

Third Semester		*Total Credits* 15	*Fourth Semester*		*Total Credits* 14
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Free elective	3
	Free elective	3	NSG 396	Baccalaureate Nursing Concepts I*	5
MTH 115	Statistics	3			

Fifth Semester		*Total Credits* 16	*Sixth Semester*		*Total Credits* 13
RLS	Core	3	NSG 555	Legal, Ethical, Pub. Pol.	3
NSG 410	Introduction Nursing Research	3	NSG 462	Clinical Application of Advanced Nursing Concepts II (RN)	4
NSG 457	Baccalaureate Nursing Concepts II	4		Free elective	6
	Free elective	6			

Total required for graduation 120 credits *Advanced Placement Credits 32

Second Degree Option

The second degree option is especially designed for individuals with a completed bachelor's degree. Individuals entering the second degree option do not need to meet the core curriculum requirements of the College. In addition, graduate credits can be earned while completing the B.S. degree.

Sequence of Required Courses

Pre-requisite Courses		*Total Credits* 9			*Total Credits* 11
HP 100	Intro. to Health Professions	2	BIO 227	Bacteriology	4
BIO 211	Anatomy and Physiology	4	BIO 212	Anatomy and Physiology	4
F&N 241	Fundamentals of Nutrition	3	PSY 275	Child & Adolescent Psychology	3

Junior Year

First Semester		*Total Credits* 12	*Second Semester*		*Total Credits* 14
NSG 210	Concep. Base of Nurs. Prac.	2	NSG 351	Intermediate Nursing Concept II	3
NSG 350	Intermediate Nursing Conc. I	3	NSG 356	App. of Inter. Nursing Concepts II	3
NSG 355	App. of Inter. Nurs. Concep. I	3	NSG 362	Clin. App. of Inter. Nurs. Conc. II	4
NSG 361	Clin. App. Inter. Nurs. Conc. I	3	NSG 366	Advanced Clin. Nurs. Strategies	1
NSG 365	Inter. Clin. Nurs. Conc. Strategies and Skills I	1	MTH 115	Statistics	3

Senior Year

First Semester		*Total Credits* 14	*Second Semester*		*Total Credits* 12
NSG 410	Intro Nursing Research	3	NSG 451	Adv. Nursing Concepts II	3
NSG 450	Adv. Nurs. Concepts I	3	NSG 456	App. of Adv. Nurs. Concep. II	3
NSG 455	App. of Adv. Nurs. Concep. I	3	NSG 462	Clin. App. Adv. Nurs. Conc. II	4
NSG 461	Clin. App. Adv. Nurs. Conc. I	4	NSG 475	Issues in Nursing	2
NSG 466	Adv. Clin. Nurs. Concepts Strategies and Skills I	1			

Transfer 48 core credits

Total required for graduation 126 credits

Occupational Therapy Major

Division of Health Science
Degree: M.S./Occupational Therapy
Department Chairperson: Joseph Cipriani

Since 1985, the Occupational Therapy Department has been preparing occupational therapy practitioners to utilize theory-based, occupation focused assessment and intervention strategies to assist the individual in improving functional performance. Successful completion of the program results in a professional Master of Science in Occupational Therapy degree. Graduates of the program can expect to practice successfully in a variety of traditional and non-traditional health care delivery models with clients across the lifespan.

Two entry options are available for prospective students. The weekday program is 5 years in length and is traditionally selected by high school graduates. The weekend program utilizes a 3-year model, with classes meeting on alternating weekends year round. This program is specifically designed for COTAs and those individuals already possessing a baccalaureate degree in another discipline. Please see the College Misericordia graduate catalog for a complete description of the weekend program, including admission requirements, course sequence and other requirements.

The five-year weekday program combines the foundation of a liberal arts education with professional occupational therapy coursework to produce a holistic practitioner who has a strong background in the use of occupation and critical inquiry skills to advance the profession. Students achieve a bachelor's degree in general studies along with the Master of Science in Occupational Therapy degree. Opportunities exist to complete a bachelor's degree in psychology, as well as a minor or certificate in several other areas of study. This provides additional flexibility to the student who chooses to gain expertise to enhance the occupational therapy educational preparation.

The Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education, 4720 Montgomery Avenue, Bethesda, Maryland, (301) 652-6611. Graduates of the program are eligible to sit for the occupational therapy examination given by the National Board for Certification of Occupational Therapy. Successful candidates are then able to apply for occupational therapy licensure in the state chosen for employment.

Mission

The mission of College Misericordia is to provide an environment that reflects the values and attitudes of justice, mercy, and service. The Department of Occupational Therapy strives to integrate citizenship and professionalism within this environment. The liberal arts core courses, the occupational therapy curriculum, and a variety of service-related experiences provide a learning community, which helps develop responsible members of society.

The Occupational Therapy Department at College Misericordia provides a professional entry level masters program, which is occupation-based, concerned with the individual student and oriented toward future practice. The program reflects the basic belief of occupational therapy that participation in goal directed meaningful occupation is essential to a healthy lifestyle. The Occupational Therapy Department values each student as a active member of the learning community. Moreover, the program promotes life long learning to prepare students to be leaders in evolving professional environments. Occupational therapy coursework and clinical experiences build upon the liberal arts foundation producing quality entry-level therapists who embody the values of justice, mercy, and service, as well as the professional values of occupational therapy.

Philosophy

The human being is a holistic, dynamic system consisting of biological, psychological, sociocultural, and spiritual dimensions in interaction with the environment. Humans possess an innate drive to explore and/or accommodate to their environment, which is essential to human existence not only as a means of survival, but also as enabling the process of self-actualization. The drive towards action when channeled into occupation is fundamental to development, adaptation, health, and satisfying human performance. "Human occupation necessarily encompasses the required human capacities to ace on the environment with intentionality in a given pursuit, as well as the unique organization of these pursuits over time and the meanings attributed to them by doers as well as those observing them." *(Occupation: A position paper.* Reference manual of the official documents of AOTA, Inc. Bethesda: AOTA)

Occupational performance is the ability to adapt, cope with the problems of daily living, and fulfill age specific life roles through goal directed meaningful occupations. The interpersonal relationships within an occupational context influence performance. The therapeutic relationship between client and therapist enhances occupational performance. Dysfunction in occupational performance is an individually determined state of being defined at any one time by personal, social, and cultural variables. Participation in occupation can prevent, remediate or minimize dysfunction in occupational performance. Occupational therapy is the use and application of occupation and interventions to create a balanced lifestyle of occupational performance from the consumer's perspective.

We believe the development of knowledge occurs in a sequential process beginning with basic facts, principles, and techniques and progressing to increasingly more complex concepts and applications of these concepts. Beyond application comes the analysis, synthesis, and evaluation of facts, principles, and concepts. The role of the student is to engage actively in occupations in the learning process, engaging in self-assessment and becoming increasingly self-directed in a collaborative manner. The role of the faculty is to facilitate and structure experiences that enhance

professional behaviors and critical thinking skills as well as the integration of the learning into each student's life experiences. Faculty design active learning experiences that enable students to achieve the outcomes identified in the curriculum design.

Goals and Objectives

Graduates of the Occupational Therapy Program, with, or on behalf of clients of various ages and from diverse populations, will use a variety of models of occupation as well as service delivery models. In a timely and efficient manner that is consistent with the pacing and constraints of the current health or educational delivery system, and using their critical thinking and clinical reasoning skills, graduates will demonstrate the ability to

1. accept appropriate referrals from, and generate appropriate referral to, other professionals,
2. establish therapeutic relationships with clients, caregivers, and client advocates that are conductive to engagement in the occupational therapy process
3. screen clients individually or as a member of an interdisciplinary team
4. assess clients' occupational role performance, task performance, and components of task performance
5. analyze the person-task-environment interaction necessary to carry out clients' everyday roles and daily occupations
6. develop and document an occupation-based intervention plan using assessment data
7. implement an occupation-based intervention program guided by the intervention plan
8. develop a transition plan in preparation for discontinuation of occupational therapy services
9. discontinue service when the client has met pre-established outcomes of has achieved maximum benefit from occupational therapy services
10. apply the Core Values and Attitudes of Occupational Therapy Practice and the principles of the AOTA Code of Ethics when interacting with clients, peers, superiors, and subordinates
11. supervise assigned therapy personnel
12. manage therapy resources
13. collaborate with members of a multidisciplinary team
14. critique, design, and carry out research relevant to occupational therapy theory and practice
15. articulate a personal professional development plan that is consistent with lifelong learning and
16. describe the historical background of the profession of occupational therapy and apply this perspective to contemporary parameters of practice.

Admissions

Students with a diverse background of extracurricular activity, leadership positions, an appreciation for the relevance that occupation plays in their individual lives and who meet the following criteria will be considered for the Occupational Therapy Program:

Traditional 5 year professional entry level master's degree:

- High school science background required in biology, mathematics, and physics strongly recommended
- Minimum of 2.5 Cumulative High School GPA
- 1,000 SAT score and/or top 20th percentile in class ranking
- 2 letters of reference (at least 1 from an occupational therapist is highly recommended)
- 50 hours of documented service in a health care setting with an occupational therapist by the beginning of studies, with at least ten hours complete at the time of application
- Submit a 500 word, typed statement of personal and professional goals

- On a space available basis students who do not meet the minimum criteria for SAT or class rank need to be successfully interviewed by an occupational therapy faculty member
- COTAs must submit evidence of current NBCOT certification
- If a COTA, one year of full-time employment as a COTA.

Transfer into the traditional 5-year professional entry level master's degree:

College Misericordia will accept a limited number of transfer students into the traditional 5-year entry level master's degree program. Transfer students are admitted at the freshman level of this program, and must complete five years in the program. Transfer admission into the sophomore level occurs only when space is available. Transfer credits will be evaluated on an individual basis by the Registrar. The following criteria will be applied:

- Minimum 2.8 college GPA (if GPA is based on less than 30 credits, a 1,000 minimum SAT score is also required)
- 2 letters of reference (at least 1 from an occupational therapist is highly recommended)
- 50 hours of documented service in a health care setting with an occupational therapist by the beginning of studies, with at least ten hours complete at the time of application
- Submit a 500 work typed statement of personal and professional goals

Transfer students with an associate degree in occupational therapy (OTA) will fall under the following requirements with regard to core:

- All students must have at least one course in his/her transcript in each area of College Misericordia's core.
- Courses transferred from another institution may represent the area of the core which the course satisfies. The appropriateness of the representational core substitute will be determined by the director of the program in which the core course resides. Courses taken at College Misericordia must satisfy the specific course requirement in the core area.
- Only 6 credits may be taken off campus for the date of the letter of acceptance, only 3 of which may be in a core course.
- For those transferring with the Baccalaureate degree, the college will assess on an individual basis whether off campus courses may be taken.

Fieldwork

Fieldwork education is an integral part of the occupational therapy curriculum. Through various experiences in traditional and non-traditional settings, students learn about and participate in the occupational therapy process. The Academic Coordinator of Fieldwork Education arranges all fieldwork placement. Students are responsible for all costs incurred that are associated with fieldwork including but not limited to living arrangements, transportation, and meals.

Related Expenses

Additional expenses for occupational therapy students normally include an e-mail account, lab fee, uniforms, name pins, school patches, and a certification examination fee. As part of professional development, students are expected to become members of the American Occupational Therapy Association and are encouraged to become members of the Pennsylvania Occupational Therapy Association (each Association has reduced student rates; The Occupational Therapy Office has details). Attendance at local and regional conferences is encouraged as students continue their lifelong commitment to learning.

Retention

To be retained in the Occupational Therapy Program, minimum grade point average and letter grades in each course are required. Refer to the Occupational Therapy Program Guide for details.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 17
PHY 107	Intro. Physics I	3	PHY 108	Intro. Physics II	3
MTH 160	Discrete Mathematics	3	SOC 101	Comparative Sociology	3
PSY 123	Intro. to Psych.	3	MTH 115	Basic Statistics I	3
HP 100	Health Prof. *or*	2	OT 103	Health Prof. *or*	2
OT 103	Intro to Prof. Behavior in O.T.		HP 100	Intro. to Prof. Beh. in O.T.	
	Core	3		Core	3
	Core	3		Core	3

Sophomore Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 18
BIO 211	Anatomy & Physiology	4	BIO 212	Anatomy & Physiology	4
OT 205	O.T. & Perf. I	3	OT 275	O.T. & Perf. II	3
OT 220	Dimensions of Human Perf. I	2	OT 221	Dimensions of Human Perf. II	2
	Free elective	3	SWK 285	Communication Skills	3
	Core	3		Core	3
PHL 101	Self Images	3		Core	3

Junior Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 14.5
OT 308-310 Part I	App. Funct. Anatomy & Neuroscience	5	OT 308-310 Part 2	App. Funct. Anatomy & Neuroscience	5
OT 330	Conc. Foundations of O.T.	3	OT 422	O.T. Intervention I	4.5
PSY 290	Psychopathogy	3	OT 522	O.T. Intervention Seminar I	2
	Free elective	3	OT 335	Environmental Dimensions of Human Performance	3
	Core	3			

Senior Year

First Semester		*Total Credits* 15.5	*Second Semester*		*Total Credits* 15.5
OT 423	O.T. Intervention II	4.5	OT 424	O.T. Intervention III	4.5
OT 523	O.T. Intervention Seminar II	2	OT 524	O.T. Intervention Seminar III	2
OT 515	Research Design	3	OT 570	O.T. Management Supervision	3
	Free elective	3	OT 690	Research Project I & II	3
	Free elective	3		Free elective	3

Graduate Year

First Semester		*Total Credits* 12	*Second Semester*		*Total Credits* 15
OT 601	Level II Fieldwork I	6	OT 620	Analysis of O. T. & Practice Models	3
OT 602	Level II Fieldwork II	6	OT 630	O.T. Issues & Trends	3
			OT 695	Research Project I & II	3
				Free elective	3
				Core	3

Total required for graduation 159.5 credits

Please see the College Misericordia graduate catalog for a complete description of the weekend program, including admission requirements, course sequence and other requirements.

Philosophy Major

Division of Humanities
Degree: B.A. in Philosophy
Department Chairperson: Edward Latarewicz

This program presents Philosophy as an integral life activity growing out of a deep and passionate concern with life and its meaning and the recognition that the traumatic changes that mark an age and affect all people involve philosophical issues. In its academic mode, Philosophy is noted for cultivating those dispositions and aptitudes requisite for critical thinking and sound judgement. In this function it provides the strongest preparation for rational living and intelligent participation in contemporary discussions about issues such a freedom, justice, personal authenticity, morality and political legitimacy.

Pre-Law Specialization

The Pre-Law specialization at College Misericordia was developed in accordance with the Association of American Law Schools which recommends that prospective law students have a broad liberal arts background. The program represents sound preparation for the Law School Admissions Test and the study of law. For further information on the Pre-Law specialization, please see page 76.

General Requirements

Philosophy majors must complete 30 credits in Philosophy beyond the 6 credits that satisfy core requirements; successfully complete 6 credits in a foreign language, or demonstrate a college level proficiency in a foreign language approved by the department; and maintain at least a 2.00 (C grade) average overall and in the major.

A large number of "free electives" allows students flexibility in personalizing their studies. Majors can, with approval of their advisors, either select from various minors and areas of concentration, pursue double majors, or select clusters of advanced courses from different disciplines in pursuit of more integrated understanding.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
PHL 101	Self Images	3	PHL 102	Introduction to Ethics	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
	Free elective	3		Free elective	3
	Core	3		Core	3
	Core	3		Core	3
PHL 103	Introduction to Logic	3	PHL 330	Early Modern Philosophy	3
PHL 320	Ancient Philosophy	3	PHL 220	Philosophy and Literature	3

Junior Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 18
	Core	3		Core	3
PHL 340	19th Century. Philosophy	3	PHL 210	Philosophy of Person	3
PHL 350	Sociology & Political Philosophy	3		Free elective	3
	Free elective	3		Free elective	3
	Free elective	3		Free elective	3
	Core	3		Core	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
PHL 410	Philosophy of Law or		PHL 440	Economics of Freedom and Justice	3
PHL 257	Philosophy of Religion	3	PHL 430	20th Century Philosophy	3
	Free elective	3		Free elective	3
	Free elective	3		Free elective	3
	Free elective	3		Free elective	3
	Free elective	3			

Total required for graduation 126 credits

Physical Therapy Major

Division of Health Sciences Degree: M.S. in Physical Therapy
Department Chairperson: Catherine Perry Wilkinson

College Misericordia's program in Physical Therapy is a five year, professional master's degree program with admission in the freshman year. Students admitted as freshmen or undergraduate transfers who successfully complete all major and college requirements will be awarded a Bachelor of Science degree in Health Sciences in addition to an M.S. in Physical Therapy degree. Students admitted with a baccalaureate degree will be awarded an MS in PT degree upon successful completion of the professional program.

The program's first two years of pre-professional study provide a strong foundation in the liberal arts and sciences appropriate in depth and breadth to develop the ability in students to think independently, weigh values, and understand fundamental theory. This further serves to develop skills of critical thinking and communication, inherent in baccalaureate education and essential to professional socialization. The physical therapy professional curriculum is initiated in the third year and continues through the fourth and fifth years.

The program is guided by the standards and criteria of the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association (CAPTE/APTA) by whom it is accredited. Graduates of accredited physical therapist education programs are eligible to apply for licensure as physical therapists in the individual United States and territories.

Mission

It is the mission of the physical therapy education program at College Misericordia to provide professional physical therapy education opportunities to the citizens of northeastern Pennsylvania and the surrounding regions of New York, New Jersey, Maryland, and Pennsylvania and to help meet the physical therapy health care needs of these areas.

The physical therapy program is committed to providing an education program which produces competent physical therapy practitioners who are critical thinkers and educated consumers of research and which prepares graduates for productive careers in physical therapy and as advocates for and participants in life long learning.

As an entry-level professional post-baccalaureate program, the physical therapy curriculum reflects a commitment to the complementary relationship between liberal arts and professional studies which enables graduates to adapt to and deal with constantly evolving societal and professional needs.

The physical therapy program's commitment to providing affordable, quality physical therapy education expresses the founding Sisters' values and attitudes of justice, mercy, and service.

Philosophy

The physical therapy education program is based on the belief that graduates of entry-level physical therapy programs should possess the clinical decision making and problem solving skills which enable them to function as peer colleagues in the contemporary, dynamic health care system.

Physical therapists need to be sensitive to the needs of a culturally diverse society as evident in their interactions with clients, families, health care colleagues and the community in which they practice.

An educational program for physical therapists should reflect the concepts of androgogy (adult education) to include problem solving, critical thinking and analysis, integration of theory and practice, clinical decision making, mentoring and self-directed learning.

Physical therapists should have the ability to articulate and exchange knowledge, seek additional knowledge and skills, and they should have the ability and desire to remain open to input from and collaboration with other health care professionals. They value collaboration and communication in a spirit of mutual collegiality among health care providers as essential to meeting the health care needs of society.

A physical therapy professional education program prepares physical therapy generalists but provides graduates with the tools which enable them to develop specialty expertise through the application of critical thinking and problem solving skills and a wholistic approach to health care.

The academic and clinical faculty and the academic and clinical education environment must reflect and foster professional values and behaviors. The academic and clinical faculty and curriculum components must be inextricably linked for the provision of professional education programs preparing competent health care practitioners.

A diverse faculty whose members have responsibilities and activities consistent with their areas of teaching and scholarly expertise, strengthens and enhances a professional education program.

Goals

It is the goal of the physical therapy education program to prepare graduates who:

1. are physical therapist generalists capable of contemporary, competent, legal, and ethical practice.
2. value the relevance of, and contribute to, critical inquiry in the validation and advancement of the art and science of physical therapy.
3. appreciate the roles and responsibilities of physical therapists as professionally autonomous practitioners within the health care system.
4. accept the responsibility for education of self, the community, profession, clients, and colleagues in the health care system.
5. value and foster communication and interaction with colleagues for the benefit of optimal service to clients.
6. respect and respond to contemporary bio-psycho-social diversity in interactions with clients, families, colleagues and the community.

Selection, Advancement and Graduation Criteria

Admission into Pre-Professional Physical Therapy

Students admitted into Pre-Professional Physical Therapy (Freshman year) must meet the general admission requirements of College Misericordia. At a minimum students seeking admission to the Physical Therapy program must rank in the top 1/3 of their graduating class and have achieved a minimum combined SAT score of 1050 (or the equivalent ACT score). In addition, they must have successfully completed three years of mathematics, one year of biology, and one year of chemistry in high school. High school preparation in Physics is highly recommended. Exposure to and exploration of physical therapy as demonstrated by documented paid or volunteer experience of 50 or more hours is strongly encouraged. The deadline for receipt of completed applications to the program is February 1.

Admission of Undergraduate Transfer Students

Applications for transfer at an undergraduate level may be considered on a competitive, space available basis. Applications from physical therapist assistants will be considered on an individual

basis. All students accepted for transfer at the undergraduate level must meet college requirements for a baccalaureate degree.

Transfer students with a physical therapy assistant associate degree will fall under the following requirements with regard to Core:

1. All students must have at least one course on his/her transcript in each area of College Misericordia's core.
2. Courses transferred from another institution may represent the area of the core which the course satisfies. The appropriateness of the representational core substitute will be determined by the director of the program in which the core course resides. Courses taken at College Misericordia must satisfy the specific course requirement in the core area.
3. Only 6 credits may be taken off campus at a four year institution from the date of the letter of acceptance, only 3 of which may be in a core course.

Advancement to the Professional Physical Therapy Program

Advancement to the professional program (Junior year) is based on the following criteria:

1. Completion of 70 credits with a cumulative GPA of at least 2.5.
2. Satisfactory completion of required pre-requisite courses or their equivalents with a minimum grade of "C-" to include: CHM 104-105; PHY 107-108; BIO 211-212; MTH 115; PSY 123 and 275; SOC 101; HP 100; PT 304.
3. Satisfactory completion of a minimum of 39 core curriculum credits.
4. Demonstrated career exploration in physical therapy by documented evidence of 50 hours of meaningful paid/volunteer experience in at least two clinical settings.

Admission Directly into the Professional Physical Therapy Program

See College Misericordia graduate catalog. Applicants who possess a baccalaureate degree may be admitted directly into the professional physical therapy program. Admission, curriculum and graduation requirements are found in the graduate catalog.

Advancement within the Professional Physical Therapy Program

To advance within the professional program, students must in the first professional (Junior) year:

1. Maintain a 2.7 cumulative GPA in the required professional curriculum and an overall cumulative GPA of 2.7.
2. Achieve a minimum level of competence of 80% (B-) in all professional designated (PT) courses.
3. Receive no grades of D or below which are considered failing grades within the Professional Program.

In the Second and Third (Senior and Graduate) Years:

1. Maintain a 3.0 cumulative GPA in the required professional curriculum and an overall GPA of 2.7.
2. Achieve a minimum level of competence of 80% in all professional designated (PT) courses.
3. Receive no grades of below "B-". Grades below "B-" are considered failing grades within the Professional Program.

Policies and procedures related to academic Standards for the Physical Therapy Program are included in the *Physical Therapy Student Handbook* supplied to all enrolled Physical Therapy Students.

Suggested Course of Study, Pre-professional curriculum

Freshman Year

First Semester		*Total Credits* 17-18	*Second Semester*		*Total Credits* 17-18
CHM 104	Gen. Chem. II	3	CHM 105	Intro. to Organic Chemistry	3
	Psychology or Sociology Core	3		Psychology or Sociology Core	3
				Core	6
HP 100	or Core	2/3	HP 100	or Core	2/3
	Core	9		Core or free elective	3
Summer		*Total Credits* 3			
	Core or free elective	3			

Sophomore Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 16
BIO 211	Anatomy/Physiology I	4	BIO 212	Anatomy/Physiology II	4
PHY107	Physics I	3	PHY 108	Physics II	3
	Core	6		Core	3
PSY 275	or SS/BS Elective	3	PT 304	Health Foundations	3
			PSY 275	or SS/BS Elective	3
Summer		*Total Credits* 3			
	Core or Free elective	3			

Required 48 credit Core Curriculum for PT Majors to include:

Science Core	PSY 123, SOC 101
	Chemistry 104-105
Math Core	Math 115 Statistics*
Philosophy Core	PHL 102, or 223*

*Must be completed no later than Spring Semester-Junior year.

Additional Required Course:

PSY 275	Child and Adolescent Psych or equivalent*
PHY 107/108	HP 100
BIO 211/212	PT 304
BS, SS, EDU, BUS or language electives (2)	

Physical Therapy Professional Curriculum

Sequence of Courses

First (Junior) Year

First Semester		*Total Credits* 18	*Second Semester*		*Total Credits* 16
BIO 301	Gross Anatomy	5	BIO 302	Neuroscience	4
PT 405	Analysis of Human Movement	4	PT 402	Clinical Science I	6
BIO 407	Applied Physiology	4	PT 410	Intro. to Clinical Arts Seminar I	3
PT 409	Clinical Skills	2	PHL 102 or 223	Medical. Ethics *or*	
	Core or free elective	3		Core or free elective	3
Summer		*Total Credits* 6			
	Core or Elective	3	PT 515	Research	3

Second (Senior) Year

First Semester		*Total Credits* 13-16	*Second Semester*		*Total Credits* 13
PT 503	Clinical Science II	4	PT 518	Clinical Education I *6 weeks*	3
PT 505	Clinical Science III	4	PT 506	Clinical Science IV *10 weeks*	6
PT 511	Intro to Clinical Arts Seminar II	4	PT 512	Intro to Clinical Arts Seminar III *10 weeks*	4
PT 590	Research Seminar	1			
	Core or free elective	3			

Third (Graduate) Year

First Semester		*Total Credits* 12	*Second Semester*		*Total Credits* 12-15
PT 619	Clinical Education II *10 weeks*	6	PT 614	Intro to Clinical Arts Seminar IV	3
PT 621	Clinical Education III *10 weeks*	6	PT 690	Critical Inquiry	3
			PT 692	Critical Inquiry Seminar	1
			PT 616	Clinical Decision Making	2
			PT 612	Special Topics	3
				Core or free elective	3

Total required for the professional curriculum: 81credits.
Total required for the baccalaureate degree: 125 credits
Total required for the MS in PT degree: 41 graduate credits beyond baccalaureate degree requirements.

Minimum competence (80%) must be demonstrated in all professional courses prefixed PT for successful completion of the Physical Therapy Program.

Specializations: Pre-Medicine, Pre-Veterinary Medicine, Pre-Dentistry, Pre-Optometry

Division of Mathematical and Natural Sciences
Degree: B.S./Biology or Chemistry
Department Chairperson: Frank DiPino, Jr.

Grade Requirements

With the proper selection of elective courses, students who major in biology or chemistry are prepared for post graduate study in medicine, veterinary medicine, dentistry and optometry.

Pre-Medicine

A student who has completed a Bachelor of Science in Biology or Bachelor of Science in Chemistry with a grade point average of "B" or better, may be recommended to a medical college. Preparation for application to medical school should begin in the freshman year and continue throughout the undergraduate years. Preparation involves a continuous review of material covered in all science courses. Such review is imperative for a satisfactory performance on the Medical College Admission Test which is required by most medical schools. The MCAT should be taken in the fall and/or spring of the junior year.

Students should be aware of the requirements specific to the medical school they wish to attend. This information may be obtained from the Council on Medical Education of the American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610.

Pre-Veterinary Medicine

A student who has completed a Bachelor of Science in Biology or Bachelor of Science in Chemistry with a grade point average of "B" or better, may be recommended to a veterinary school. Information may be obtained from the American Veterinary Medical Association, 930 North Meacham Road, Schaumberg, Illinois 60196.

Pre-Dentistry

A student who has completed a Bachelor of Science in Biology or Bachelor of Science in Chemistry with a grade point average of "B" or better, may be recommended to a dental school. Information may be obtained from the American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

Pre-Optometry

A student who has completed a Bachelor of Science in Biology or Bachelor of Science in Chemistry with a grade point average of "B" or better, may be recommended to a school of optometry. Information may be obtained from the American Optometric Association, 243 North Lindbergh Boulevard, St. Louis, Missouri 63141.

Suggested Course of Study, Pre-professional curriculum

Freshman Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 17
BIO 101	Gen Botany/Bio Principles	4	BIO 102	Zoology	4
	Core	3	MTH 115	Statistics	3
	Core	3		Core	3
CHM 133	Chemical Principles I	4	CHM 134	Chemical Principles II	4
MTH 151	Calculus I	3	MTH 152	Calculus II	3

Sophomore Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 18
BIO 241	Genetics	4	BIO 252	Compar. Anat./Histotechnique	4
BIO 251	Comparative Anatomy/Histology	4	BIO 346	General Physiology	4
CHM 243	Organic Chemistry I	4		Core	3
	Core	3	CHM 244	Organic Chemistry II	4
			FA	Core	3

Junior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 14
BIO 345	Developmental Biology or				
BIO 435	Cell Biology	3			
	Core	3	CHM	Free elective	3
PHY 221	General Physics I	4		Core	3
CHM 353	Biochemistry	3	PHY 222	General Physics II	4
CPS 101	Intro to Programming: PASCAL	3	BIO 243	Microbiology	4

Senior Year

First Semester		*Total Credits* 14	*Second Semester*		*Total Credits* 14
BIO 425	Ecology	4	BIO 360	Immunology	1
BIO 490	Coordinating Seminar	1	BIO 480	Biology Research	1
	Free elective	3		Free elective	3
	Core	3		Core	3
	Core	3		Core	3
				Free elective	3

Total required for graduation 125 credits

Specialization: Pre-Law

Division of Humanities
Degree: B.A./English
Department Chairperson: Richard Lynch
Pre-Law Director: Rosemarie Savelli

The Pre-Law specialization at College Misericordia was developed in accordance with the Association of American Law Schools which recommends that prospective law students have a broad liberal arts background. The program represents sound preparation for the Law School Admission Test and the graduate study of law.

The program has been carefully designed to develop ability in expression and analytical comprehension, to afford basic information about human institutions and values, and to cultivate the ability to think creatively and critically with thoroughness and independence.

Admission to, and success in, law school depends upon completion of a rigorous understanding of the law school admission process.

Students may choose to major in English, History, Philosophy, or Interdisciplinary Studies. Upon satisfactory completion of the major program requirements and the Pre-Law program requirements, the student will earn a Bachelor of Arts degree in English, History, Philosophy, or Interdisciplinary Studies with a Pre-Law specialization.

Pre-Law students must fulfill the general and specific requirements of the college and of the specific major as stated in the catalog for retention in the program and for recommendation to law school.

Pre-Law students should register with the Pre-Law Director's office where advice on course selection and information concerning the Law School Admission Test (LSAT) and law schools can be obtained.

Suggested Course of Study, Pre-professional curriculum

Freshman Year

First Semester		*Total Credits* 3	*Second Semester*		*Total Credits* 13
POL 100	American National Government	3	POL 103	Global Politics	3

Sophomore Year

First Semester		*Total Credits* 3	*Second Semester*		*Total Credits* 3
POL 251	Law Seminar	3	POL 252	Law Seminar II	3

Junior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 14
POL 405	American Constitutional Law I	3	POL 406	American Constitutional Law II	3

Senior Year

First Semester		*Total Credits* 14	*Second Semester*		*Total Credits* 14
POL 450	Law Internship I	3	POL 451	Law Internship II	3
BUS 352	Business Law	3		Free elective	3

Total: 125 credits

Professional Studies

Division of Behavioral Science, Education, and Business
Degree: B.S./Professional Studies
Department Chairperson: Fred J. Croop, Chair

This degree is designed for students who have completed a two year technical or specialized degree and wish to complete a bachelor's degree in an area which would support and enhance the work at the Associate degree level.

Core Curriculum courses and a planned sequence of advanced study which would enhance the student's life goals are designed by the student and faculty advisor.

Psychology Major

Division of Behavioral Science, Education, and Business
Degree: B.S./Psychology
Department Chairperson: Charles LaJeunesse

The study of psychology enhances one's knowledge and understanding of human behavior, mental processes, and social interaction. As our society becomes increasingly diverse and our economy more global, this knowledge and understanding will be necessary for success in the rapidly changing workplace.

Therefore, the Psychology major at College Misericordia is relevant to any occupation which involves interaction with others. It prepares students who wish to obtain baccalaureate level positions as well as those who wish to pursue graduate study in psychology or related fields.

The field of psychology is exceedingly diverse and career options within the field are numerous. Therefore, the psychology major was designed with two goals in mind. First, in order to ensure a solid background in the methods, theories, and content of the discipline of psychology, all majors must take a required core of psychology courses. Second, great flexibility is built into our curriculum to allow students to tailor a program of study that best meets their individual interests and career goals.

In addition to the College core curriculum, which includes Introduction to Psychology, students are required to complete 34 credits in psychology and 9 credits of non-psychology courses (SOC 221 Cultural Minorities, ENG 112, Speech Communications and BUS 105 Basic Computer Technology). This allows 30 credits of free electives to take the courses, minors, or certifications that are consistent with their interests and career goals.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 16
PSY 123	Intro to Psych	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core	3
	Core	3		Core (MTH 115-Statistics)	3
			PSY 101	Introductory Seminar	1

Sophomore Year

First Semester		*Total Credits* 17	*Second Semester*		*Total Credits* 15
	Core	3		Core	3
	Core	3		Core	3
PSY200	Career Seminar	2	PSY	Group A Course*	3
PSY	Group A Course*	3	PSY	Free elective	3
PSY 232	Research Methods	3	PSY 233	Advanced Research Methods	3
BUS 105	Basic Computer Tech	3			

Junior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 16
	Core	3		Core	3
SOC 221	Cultural Minorities	3	PSY 301	Cognitive Psychology	4
PSY 303	Biological Psychology	3	PSY	Free elective	3
PSY	Free elective	3		Free elective	3
	Free elective	3		Free elective	3

Senior Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
PSY	Group B Course**	3	PSY 470	Advanced Seminar Psy	3
ENG 112	Speech	3		Free elective	3
	Free elective	3		Free elective	3
	Free elective	3		Free elective	3
	Free elective	3		Free elective	3

Total required for graduation 124 credits

* Group A includes: PSY 250 Social Psychology; PSY 275 Child and Adolescent Psychology; PSY 290 Psychopathology; and PSY 450 Personality Theory.

** Group B includes: PSY 475 Practicum; and PSY 490 Independent Research.

Social Work Major

Division of Behavioral Science, Education, and Business
Degree: B.S.W.
Program Department Chairperson: Dennis Fisher

Program Goals

The major goal of College Misericordia's Social Work Program is to prepare students as baccalaureate-level generalist practitioners. This end is accomplished through a social work curriculum composed of a liberal arts core, a social work core, a complement of social work electives, and field practicums designed to provide an integrated, educational experience that enables students to acquire the necessary knowledge, values and skills for effective entry-level generalist practice. Specifically, it intends to prepare graduates who are capable of analyzing and addressing problematic situations among individuals, families, groups and communities. The program also has goals relative to the development of students who are committed to a process of continued professional growth and development, to responsible citizenship in a democracy, and to integrating the institutional and professional ideals of social justice and intervening on behalf of those discriminated against and oppressed.

Curriculum Policy Statement

College Misericordia's Social Work Program curriculum is organized around the Program's primary goal of preparing competent baccalaureate-level generalist practitioners. It evolved institutionally from the Sisters of Mercy's own call to compassionate service through the ministries of teaching and hearing and developed according to required knowledge and skills identified by the Undergraduate Social Work Curriculum Development Project and mandates for curricular content established by the Council on Social Work Education. These mandates include a liberal arts perspective, which is also the base for all professional programs at the College, and a professional foundation composed of required social work courses and field practicums designed to provide an integrated learning experience. This experience intends to educate students in the critical areas of social work values and ethics, diversity, social and economic justice, at-risk populations, human behavior and the social environment, social welfare policies and services, social work practice and research.

Field Instruction

Field instruction is the principle means through which students demonstrate application of knowledge and skills. Offered in a variety of settings in both the public and private sectors, field instruction presents students with a structured educational experience that enables them to integrate classroom information, learn about the structure and operation of social work agencies and experience actual practice situations. Students receive over 600 hours of supervised field experience through assignments in both their junior and senior years.

Social Work field instruction is limited to social work majors who have successfully completed a specific sequence of courses and have met program retention criteria. Transportation to and from field placement is the student's responsibility.

Admission

Although students who meet College admission criteria will be admitted into the Social Work major as freshmen for the purpose of academic advising and support, formal program admission does not occur until the end of the first semester of the sophomore year. The following criteria will be used in determining formal admission:

1. Personal interview with a member of the full-time social work faculty;
2. Completion of a minimum of 45 credit hours, including all freshmen and sophomore social work core courses listed in the College catalog;
3. Attainment of a minimum grade of 2. 00 in SWK 251, Introduction to Social Welfare and SWK 285, Communication Skills, as well as successful completion of SOC 103, Community Services with a minimum grade of 2.50;
4. Attainment of a G.P.A. of 2. 00 in all courses and 2.50 in Social Work core courses;
5. Acceptance of and sensitivity toward diversities among people;
6. Emotional and mental maturity and stability for effective social work practice;
7. Values, ethics and behaviors consistent with those of social work;
8. A personal statement and narrative response

Any student not fulfilling the criteria above will be duly notified by the program director of program probation or dismissal. Students placed on probation will be allowed one semester for grade repeats and/or other corrective actions. Students dismissed from the program will not be readmitted. Specific procedures for Admissions can be found in the Student Handbook and Field Instruction Manual. Excerpts of these policies and procedures can also be requested from the Admissions Office.

Retention

Continuation in the major requires that students maintain a 2.50 G.P.A. in the Social Work core and a minimum 2.0 overall G.P.A.

Transfer Students

Both internal and external transfer students must first interview with the program director or designee prior to formal admission into the major. The program and its policies will be discussed and an evaluation will be made of transfer credits. Two recommendations from individuals capable of assessing the student's character and potential for the BSW degree is required. Formal program admission occurs after successful completion of one full semester in the major. Transfer students must also meet all standards expected of incoming freshmen.

Curriculum Options

Core and major course requirements are completed in a manner that allows students to elect minors in such areas as Child Welfare Services, Gerontology, Addictions Counseling, and Psychology.

College Misericordia's Social Work Program is now entering its third decade of accreditation by the Council on Social Work Education. Graduates may be eligible for advanced standing in numerous graduate schools of social work throughout the country.

Sequence of Required Courses

Freshman Year

First Semester		*Total Credits* 15	*Second Semester*		*Total Credits* 15
BIO 103	General Biology I*	3	BIO 104	General Biology II	3
PSY 123	Intro. to Psychology*	3	SOC 122	Social Problems*	3
SOC 110	Comparative Sociology*	3	POL 100	American National Government	3
	Core	3		Core	3
ENG 103	Composition	3	MTH	Math Bank I	3

Sophomore Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 16
FA 201	Civilization through Art I	3	FA 202	Civilization through Art II	3
SOC 103	Community Service*	3	MTH 115	Statistics*	3
SOC 321	The Family*	3	SOC 221	Cultural Minorities*	3
SWK 200	Building. Multi-Cult. Comp.*	1		Free elective	3
SWK 251	Intro. to Social Welfare*	3	SWK 252	Soc. Welfare Pol. & Service.*	3
SWK 285	Communication Skills*	3	SWK 360	Special Topics*	1

Junior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 16
ENG 209	Approaches to Literature	3		Core	3
GER 241	Intro. to Soc. Gerontology*	3	PHL 101	Contemporary Self Images	3
SWK 232	Research Methods*	3	PSY 430	Abnormal Psychology*	3
SWK 353	SWK Methods & Pro. I*	3	SWK 354	SWK Methods & Pro. II*	3
SWK 371	Field Instruction I*	3	SWK/ADC	Free elective*	3
SWK 472	Field Instruction Seminar I*	1	SWK 360	Special Topics*	1

Senior Year

First Semester		*Total Credits* 16	*Second Semester*		*Total Credits* 16
	Core	3		Core	3
	Core	3		Free elective	3
	Free elective	3	SWK	Free elective*	3
SWK	Free elective*	3	SWK 452	Adaptive Behavior*	3
SWK 475	Field Instruction II*	3	SWK 476	Field Instruction III*	3
SWK 473	Field Instruction Seminar II*	1	(or SWK 477 Block Field Instruction)		(6)
			SWK 474	Field Instruction Seminar. III*	1

*Required Social Work Core Course

Total required for graduation 126 credits

Minor Programs

Accounting Minor — Division of Behavioral Science, Education, and Business

The Accounting minor provides a strong analytical base for almost any major. With the increased concentration in accounting computerized systems, Computer Science majors will find this minor attractive.

Course Sequence

ACC 101	Principles of Accounting I	3
ACC 340	Intermediate Accounting I	3
ACC 341	Intermediate Accounting II	3
ACC 342	Intermediate Accounting III	3

Two (2) courses selected from the following:

ACC 345	Advanced Financial Accounting I	3
ACC 310	Cost Accounting	3
ACC 311	Managerial Accounting	3
ACC 410	Auditing	3
ACC 401	Taxes	3
ACC 402	Taxes II	3

Total 18 credits

Addictions Counseling Minor — Division of Behavioral Science, Education, and Business

The Addictions Counseling minor enables students to develop an understanding of and appreciation for the myriad of problems and issues associated with chemical addictions. Although most often associated with the helping professions, the pervasiveness of drugs in contemporary American society makes the minor relevant to any major area of study. All course work is approved by the Pennsylvania Chemical Abuse Certification Board (PCACBP).

Course Sequence

ADC 222	Drug Pharmacology	3
ADC 335	Substance Abuse in Special Populations	3
ADC 337	Substance Abuse/Treatment Methods	4

Two (2) additional courses selected from the following:

ADC 333	Substance Abuse in the Adolescent Population	3
ADC 341	Substance Abuse and the Aged	3
ADC 339	Substance Abuse and Criminality	3
ADC 340	Alcoholism	3
	Approved Field Practicum	3

Total 16 credits

Biology Minor — Division of Mathematical and Natural Sciences

The minor in Biology may be pursued by any student with an interest in the natural sciences. The 19–20 credit curriculum offers a broad background in the origin, growth, structure and reproduction of living matter in its various forms.

Minors are focused programs of study which involve specific clusters of courses around a general area of study. Minors are not associated with any particular degree program and are therefore open to all interested students.

Course Sequence

BIO 101	General Botany and Biological Principles	4
BIO 102	Zoology	4
BIO 251	Comparative Anatomy and Histology	4
BIO 241	Genetics	4

One (1) course selected from the following:

BIO 345	Developmental Biology	3
BIO 243	General Microbiology	4
BIO 346	General Physiology	4

Total 19-20 credits

NOTE: Check Course Descriptions for prerequisites.

Chemistry Minor Division of Mathematical and Natural Sciences

The chemistry minor is most often selected by Biology majors, but is appropriate for any student with an interest in the physical sciences. Majors in Business, English or Pre-Law, for example, may find a background in chemistry useful in such specialties as patent law or scientific journalism.

Course Sequence

CHM 133	Chemical Principles I	4
CHM 134	Chemical Principles II	4
CHM 243	Organic Chemistry I	4
CHM 244	Organic Chemistry II	4
	Chemistry Elective	3 or 4

Total 19-20 credits

Child Welfare Services Minor Division of Behavioral Science, Education, and Business

The Child Welfare Services minor is most directly associated with a major in one of the helping professions. Child welfare specialists handle the problems of abused, neglected and abandoned children or those whose behavior has brought them to the attention of the courts. This type of work is demanding and requires highly trained and dedicated professionals for whom children and their families are of paramount importance.

A minor in Child Welfare Services involves a total of 15 credits. Social Work majors at College Misericordia who are pursuing the minor will complete the field practicum elective as part of their required coursework for the BSW degree.

Course Sequence

SOC 321	The Family	3
CWS 363	Child Welfare Services	3
CWS 392	Child Abuse and Neglect	3

Two (2) courses selected from the following:

PSY 275	Child & Adolescent Psychology	3
CWS 393	Child Welfare Laws	3
CWS 395	Foster, Residential and Adoptive Care	3
ADC 333	Substance Abuse in the Adolescent Population	3
Approved Field Practicum		3

Total 15 credits

Communications Minor — Division of Humanities

The Communications minor focuses on developing writing and analytical skills specifically with regard to media, and offers students a variety of courses to choose from in both print and broadcast media. The minor is particularly appropriate for majors in such areas as English or Business, but is open to any student with an interest in journalism, radio, television, or related areas.

Course Sequence

COM 205	Media Criticism I	3
COM 206	Media Criticism II	3
Twelve (12) credits selected from the following:		
BUS 340	Advertising	3
COM 201	Journalism I	3
COM 202	Journalism II	3
COM 325	Feature & Magazine Writing	3
COM 310	Video Production	3
COM 315	TV Studio Production	3
COM 320	Radio Programming and Production	3
FA 210	Photography	3
ENG 341	Imaginative Writing	3

Total 18 credits

Computer Science Minor — Division of Mathematical and Natural Sciences

In today's electronic world, a background in Computer Science is a highly marketable asset. The Computer Science minor may supplement a major in any other field, depending on the student's interests and career objectives. Business, Education, Mathematics and Social Work majors frequently follow the minor program in Computer Science.

Course Sequence

CPS 101	Introduction to Programming: C	3
CPS 121	Computer Programming	3
Two (2) courses selected from:		
CPS 221	Computer Systems	3
CPS 222	Computer Organization	3
CPS 231	File Processing	4
Plus:	Additional credits in approved upper division computer science courses	9

Total 21-22 credits

English Minor — Division of Humanities

The English minor is designed for students who enjoy literature and who wish to develop further their critical reading, thinking, and writing skills, as a preparation for professional life or for personal satisfaction and development.

Course Sequence

	Core	6
Choose either:		
ENG 203	Advanced Expository Writing or	
ENG 215	Studies in Shakespeare	3

ENG 341	Imaginative Writing	3

Choose any two 300 level or 400 level Literature courses 6

Total 18 credits

Gerontology Minor Division of Behavioral Science, Education, and Business

As the study of aging in today's society, Gerontology has direct applications to a number of major fields of study. Gerontology is most often associated with the helping professions, including nursing, occupational therapy, and social work.

Course Sequence

GER 241	Introduction to Social Gerontology	3
GER 375	Aging Policies and Programs	3

Three (3) courses selected from the following:

GER 276	Psychology of Aging	3
GER 292	Older Women	1-3
GER 304	Nutrition and Aging	3
GER 306	Health and Physiology of Aging	3
GER 341	Substance Abuse and the Aged	3
GER 358	Counseling the Older Adult	1-3
GER 392	Seminar	3
GER 410	Adult Protective Services	1-3
GER 413	Gerontology Cooperative Education	3-12
GER 470	Practicum	3
GER 480	Independent Study	1-3
	Approved Field Practicum	3

Total 15 credits

History Minor Division of Humanities

The study of History has been one of mankind's most favored pursuits since the beginning of recorded time. The History minor may be taken in conjunction with any degree program to broaden one's world perspective, foster critical judgement, cultivate the ability to reason, and develop intellectual growth.

Course Sequence

Plus:	HIS 101	History of Western Civilization I	3
	HIS 102	History of Western Civilization II	3
	HIS 103	United States Survey to 1900	3
	HIS 104	United States Survey Since 1900	3

Plus: Six (6) credits of Advanced History Electives

Total: 18 credits

Management Minor Division of Behavioral Science, Education, and Business

An understanding of management styles and techniques can benefit anyone who will be involved in organization life. Opportunities and advancement in one's chosen field often will be enhanced by documented study of the skills required for success. This minor is well suited to individuals in any area of endeavor.

Course Sequence

ACC 101	Principles of Accounting I	3
BUS 207	Contemporary Economics	3
BUS 208	Principles of Management	3
BUS 269	Principles of Marketing	3
BUS 306	Organizational Behavior	3

One (1) course selected from the following:

ACC 311	Managerial Accounting	3
BUS 360	Management of Human Resources	3
BUS 420	Small Business Management	3
BUS 415	International Business	3

Total: 18 credits

Marketing Minor Division of Behavioral Science, Education, and Business

An understanding of Marketing can benefit any individual who will be involved in promotion with private, public, profit, or not-for-profit organizations. Opportunities in the field of Marketing are broadening every year, and this minor is well suited to students in any area of interest.

Course Sequence

ACC 101	Principles of Accounting I	3
BUS 208	Principles of Management	3
BUS 269	Principles of Marketing	3
BUS 207	Contemporary Economics	3
BUS 340	Advertising and Sales Promotion	3

Select One (1) course from the following:

BUS 345	Consumer Behavior	3
BUS 304	Sales & Sales Management	3
BUS	Channel Strategies	3
BUS 421	Special Topics in Marketing	3
BUS 450	Marketing Research	3
	Pricing Strategies	3
BUS	Product/Service Marketing	3

Total: 18 credits

Mathematics Minor Division of Mathematical and Natural Sciences

The computer revolution and the growing reliance on statistics and quantitative research have broadened the application of mathematical principles. The physical sciences, as well as the behavioral and social sciences fields, have need for individuals with experience in mathematics. The minor program in mathematics exposes students to both classical and contemporary mathematical techniques.

Course Sequence

MTH 151	Analytic Geometry and Calculus I	3
MTH 225	Analytic Geometry and Calculus III	4
MTH 152	Analytic Geometry and Calculus II	3

Four (4) courses selected from the following:

MTH 215	Mathematical Statistics	3
MTH 241	Linear Algebra	3
MTH 242	Differential Equations	3
MTH 244	Set Theory & Logic	3
MTH 351	Geometry	3
MTH 363/364	Abstract Algebra	3/3
MTH 341/342	Principles of Analysis	3/3

Total: 22 credits

Philosophy Minor Division of Humanities

The minor in Philosophy offers students the opportunity for intellectual liberation and refinement. The 18-credit curriculum explores philosophical problems from a variety of standpoints, fosters critical judgement, refines convictions, and promotes the search for truth. Students may tailor their minor sequence to their interests.

Course Sequence

PHL 101	Contemporary Self Images	3
PHL	Free elective	3
PHL	Free elective	3
PHL	Free elective	3
PHL	Free elective	3
PHL	Free elective	3

Total: 18 credits

Political Science Minor Division of Humanities

The Political Science minor offers students interested in law, politics or government a useful foundation in these areas. The minor, which may be taken in conjunction with any major, will broaden political understanding and enhance the ability to interpret the significance of political events and to analyze to dynamics of political processes.

Course Sequence

POL 100	American National Government	3
POL 251	Law Seminar I	3
POL 252	Law Seminar II	3
POL 103	Global Politics	3
POL 405	American Constitutional Law I	3
POL 406	American Constitutional Law II	3
POL 480	Independent Study or Elective	3

Total: 21 credits

Psychology Minor Division of Behavioral Science, Education, and Business

The Psychology minor can be a meaningful adjunct to any major, but is especially pertinent to the study and practice of education, nursing, occupational therapy, business administration, and social work. Focusing on the origins, development, modification, and implications of human behavior, the study of psychology has numerous applications to personal and professional life.

Course Sequence

Required courses: (6 credits)

PSY 123	Introduction to Psychology	3
PSY 232	Research Methods	3

One of the following two courses:

PSY 301	Cognitive Psychology	4
PSY 303	Biological Psychology	3

One of the following four courses:

PSY 250	Social Psychology	3
PSY 275	Child & Adolescent Psychology	3
PSY 430	Abnormal Psychology	3
PSY 450	Personality Theory	3

Plus	Two Electives	3

Total: 18–19

Religious Studies Minor Division of Humanities

The Religious Studies minor presents students with a cohesive and flexible program of study designed to:

1. increase students' understanding and appreciation of the varieties of religious experience and expression
2. address current biblical and theological issues; and
3. correlate the students' pursuit of theological inquiry with their religious development and moral responsibility

Course Sequence

RLS 100	Biblical Studies	3
RLS 104	World Religions	3
RLS 114	Introduction to Christian Thought	3
RLS 106	Theology and Human Experience OR	
RLS 224	Experience in Christian Ministry	3
RLS 115	Religion on America or	
RLS 116	American Catholicism	3
	Core or Free elective	3

Total: 18 credits

Social Studies Minor Division of Humanities

The minor in Social Studies is intended to enrich and broaden the student's understanding of the world in which we live. It can be taken in conjunction with any degree program with the intent to foster critical judgement, cultivate the ability to reason, and develop an ability to understand social scientific methods of analysis.

Course Sequence

History Electives	6
Advanced Political Science Elective	3

GEO 202	Cultural World Geography	3
SOC 221	Cultural Minorities	3
BUS 205	Macroeconomics	3

Total: 18 credits

Theatre Minor Division of Humanities

The Theatre minor is designed for students interested in drama and performance, and for those students who would benefit, in an increasingly media-oriented society, from the acquisition of technical and performance skills associated with theatre. The minor provides a double focus:

1. Development of writing and analytical skills with regard to dramatic literature and theatre history;
2. Practical experience with play production, including technical skills, performance, and playwriting.

Course Sequence

ENG 120	Theatre Production	3

3 semesters for 1 credit each, one of which must be in a technical area

ENG 205	Beginning Acting	3
ENG 212	Studies in Drama	3
ENG 215	Shakespeare	3

Six (6) credits selected from the following:

ENG 120	Theatre Production	1-3
ENG 220	Theatre in Performance	3
ENG 341	Imaginative Writing	3
ENG 415	Selected Study in Drama/Theatre/Film	3

Total: 18 credits

Writing Minor Division of Humanities

The Writing minor is designed to help students become more at ease in a variety of writing situations. Students may develop strong writing skills related to their intended careers, or may focus on kinds of writing that are of personal interest to them.

Course Sequence

Select 18 credits:

ENG 103	Composition	3
ENG 105	The Research Paper or	
ENG 450	Senior Thesis *English majors only*	3
ENG 203	Advanced Expository Writing	3
COM 325	Feature and Magazine Writing	3
ENG 339	Technical Writing	3
ENG 341	Imaginative Writing	3
ENG 343	Writing for Media	3
ENG 470	Internship	3-6

Internship may be taken for 3-6 credits and involves practical experience writing for local newspapers, public relations offices, etc.

Total: 18 credits

Elective Areas of Study

Elective courses provide a variety of experiences in the liberal arts and may be taken by any interested student whose curriculum allows for such electives.

The elective areas of study are not related to any specific degree program; that is, one cannot pursue a major, minor, specialization or certification in any of the programs as they are described in this section. However, course work in these areas can contribute significantly to a student's education. Some of the courses in each of the following programs are called for in the course sequence of various majors. Others are part of the College's core curriculum.

Descriptions of the courses offered in the elective areas of study may be found under the section headed Course Descriptions.

Religious Studies

The Religious Studies Program, which includes a minor course of study, is designed to engage students in the academic exploration of the nature and expression of religious experience. Students will become familiar with the basic beliefs and practices of the major religions of the world and will learn the methods of biblical criticism through the study of Christian and Hebrew scripture. Course selection includes the origin of Western religions, spirituality, the study of Catholic tradition in its historical, doctrinal and ecclesial contexts, and inquiry into human experience as a resource for theological insight and development. An historical framework for each course will enable students to draw relationships with the content explored in other humanities courses. In addition, students are encouraged to widen their academic goals to include an experiential component to the study of theology that is directed toward the enrichment of their professional careers through service.

Physics

Physics is considered by many to be the most basic of the sciences. It impacts directly on the study of Biology and Chemistry, and can be a useful adjunct to the study of Mathematics, Computer Science and other professional areas.

The Physics program offers courses for Science, Mathematics and Computer Science majors and for students in many of the professional programs, such as Education, Medical Imaging, Occupational Therapy and Physical Therapy. Physics courses may also enrich the education of Humanities majors, such as Communications.

Sociology

Sociology is the study of the origin, development, organization and functioning of human society. No one exists outside of a social system, so it is easy to understand how sociology can relate to any academic program.

The courses offered by the sociology program explore such subjects as anthropology, social problems, cultural minorities, the family, and research methods. A background in sociology can broaden one's perspective of the world, can promote objectivity, and develop an accepting attitude with regard to different peoples and their ways of life.

Course Descriptions

Accounting (ACC)

101 Principles of Accounting **3 credits**

An introduction to basic accounting principles, concepts, and procedures. Topics include the accounting cycle; preparation of financial statements; accounting systems and special-purpose journals; internal control methods; inventory costing; short-term liquid assets. A manual practice set is completed. *Fall only*

310 Cost Accounting **3 credits**

A study of the broad range of cost concepts includes job order costing, process costing, accounting for materials, labor, and the allocation of factory overhead, standard costs, variance analysis, and accounting for joint-products and by-products. Electronic spreadsheet projects are completed.

Prerequisite: ACC 101 *Spring only*

311 Managerial Accounting **3 credits**

Uses of accounting data in planning and controlling business activities. Manufacturing cost systems, budgeting, standard costs, and responsibility accounting are some of the topics discussed. Analysis of financial statements will be emphasized. Microcomputer electronic spreadsheet applications are utilized. Accounting majors should not take this course.

Prerequisite: ACC 101 *Spring only*

321 Advanced Managerial Accounting **3 credits**

A continued study of selected accounting techniques required in compiling and interpreting accounting data to be used in planning, control, and managerial decisions made within the business organization.

Prerequisite: ACC 310 or ACC 311. *As needed*

340 Intermediate Accounting I **3 credits**

Thus course explores the theoretical framework, assumptions, and principles associated with accounting. Using this body of knowledge, the student will complete a practice set and solve problems on topics such as the preparation and analysis of financial statements, accounting for receivables, inventories, and property, plant and equipment.

Prerequisite: ACC 101 and Basic Technology *Fall only*

341 Intermediate Accounting II **3 credits**

Intermediate Accounting II continues the in-depth discussion of key accounting issues. This course focuses on accounting topics such as depreciation methods, intangible assets, current and long-term liabilities, and stockholders' equity issues.

Prerequisite: Intermediate Accounting I *Spring only*

342 Intermediate Accounting III **3 credits**

Intermediate Accounting III concentrates on advanced concepts in accounting. This course focuses on accounting concepts such as dilutive securities, investments, revenue recognition, income taxes, and accounting for pension benefits and leases.

Prerequisite: Intermediate Accounting II *Fall only*

401 Taxes I **3 credits**

The analysis and preparation of federal and state individual income tax returns based on current tax law. Tax planning is also stressed. A tax return preparation and planning software program is utilized.

Prerequisite: ACC 101 or consent of instructor. *Fall only*

402 Taxes II **3 credits**

The analysis and preparation of federal and state corporation, partnership, and fiduciary tax returns based on current tax law. Tax consequences of the formation, operation and liquidation of the various forms of a corporation will be discussed in-depth.

Prerequisite: ACC 101 or consent of instructor. *As needed*

410 Auditing **3 credits**

The Advanced Financial Course focuses on several major areas ina accounting. The first area is accounting for mergers and acquisitions. The focus will be on the differences between the cost and equity methods of accounting for the investment in a subsidiary and the pooling of interest and the purchase methods of recording a business expansion. The second area of interest is governmental accounting and accounting for non-profit organizations. The third area that is explored in this course is partnership accounting and accounting for estates and trusts.

Prerequisite: Intermediate Accounting II *Fall only*

440 Advanced Financial Accounting **3 credits**

A systematic evaluation of generally accepted accounting principles and applicable auditing principles, standards and procedures. Other topics include the study and evaluation of internal control, verification of account balances, professional ethics, and statistical sampling. A practice set is completed.

Prerequisite: ACC 342 or consent of instructor. *Fall only*

472 Accounting Internship **1 –6 credits**

These credits provide on-the-job accounting experience for accounting majors with either a public accounting firm, government agency, or private industry. Internships will be offered on a competitive basis following student interviews with prospective companies. Accounting internships are reserved for Accounting majors in their senior year who have completed all major course work.

480 Independent Study **1–3 credits**

Special investigation, with the assistance of a faculty member, of a selected topic of interest.

Approval of Division Chair and Vice-President of Academic Affairs required.

485 Special Topics in Accounting **3 credits**

Topics vary from semester to semester and are announced with preregistration information.

As needed

Addictions Counseling (ADC)

222 Drug Pharmacology **3 credits**

A comprehensive understanding of drug pharmacology and its effect on the user. The course will include examination of such topics as classifications of drugs, synergistic effects of drugs on the body, drug tolerance and dependence, and the over-the-counter pharmaceutical industry. *Fall only*

333 Substance Abuse in the Adolescent Population **3 credits**

A study of the special problems of the adolescent substance abuser. Correlates which add impetus to the progression of the problem will be examined. Emphasis will be on early identification and detection as key components in initiating intervention strategies.

Fall only

335 Substance Abuse in Special Populations **3 credits**

A multi-faceted look at the myriad of special populations affected by substance abuse. Emphasis will be on cross-cultural influences and the role they play in contributing to substance abuse.

Prerequisite: ADC/SWK 340 or permission of Program Director *Spring only*

337 Substance Abuse Treatment Methods **3 credits**

An examination and critique of the many treatment resources and methods which have been developed during the last twenty years. Discussion will include but not be limited to such treatment methods as psychotherapy with individuals and groups, drug therapy, family and network therapy, detoxification, and behavioral therapy.

Prerequisite: ADC/SWK 340 or permission of Program Director *Spring only*

339 Substance Abuse and Criminality **3 credits**

An examination of the correlation between substance abuse and criminality. This course will analyze the theoretical models of the substance abuse/crime relationship and its societal implications. Topics to be explored will include drugs and street crime, DUI, interdiction strategies, urinalysis testing, and substance abuse and family violence.

Fall only WEC

340 Alcoholism **3 credits**

An introduction to the diagnosis and treatment of alcoholism. Emphasis is placed on contemporary beliefs and attitudes toward alcohol, effects upon the family and implications for treatment.

341 Substance Abuse and the Aged **3 credits**

Focuses on the use patterns, diagnosis and treatment methods specific to the aged substance abuser. Issues examined will include misuse and abuse of prescription drugs, behavior and risk factors, factors related to underdiagnosis, and relationship to depression and suicide.

Summer only WEC

Biology (BIO)

101 General Botany and Biological Principles **4 credits**

Introductory principles of biology and a study of the plant kingdom from thallophytes to spermatophytes. Field studies of local plant communities. Introduction to plant anatomy, taxonomy and ecology.

Lecture: 3 hours. Laboratory: 2 hours. *Fall only*

102 General Zoology **4 credits**

Zoological principles and their implications in the animal kingdom. Ecological and evolutionary tendencies of major vertebrate and invertebrate groups with consideration of anatomy and physiology of representatives.

Lecture: 3 hours. Laboratory: 2 hours. *Spring only*

103/ General Biology **3 credits each**

104 The study of the fundamental principles and modern theories of biology. Emphasis on the value of biology in relation to humans. Lecture: 2 hours. Laboratory: 2 hours.

127 Anatomy and Physiology **4 credits**

An introduction to the human body and a detailed study of selected body systems with particular emphasis on the structure, functions and development of the skeletal and articular systems. Lecture: 3 hours. Laboratory: 2 hours.

Fall only

128 Anatomy and Physiology **3 credits**

A study of the structure and functions of the human body. A continuation of Biology 127. Lecture: 2 hours. Laboratory: 2 hours. *Spring only*

205 Anatomy and Physiology **3 credits**

A study of the anatomy and physiology of the human body. Lecture: 3 hours.

Spring only

211/ Anatomy and Physiology **4 credits each**

212 A detailed study of the structure and function of the human body. Emphasis on physiology phenomena and concepts. Lecture: 3 hours. Laboratory: 2 hours.

227 Bacteriology **4 credits**

General morphology and physiology of bacteria, yeasts, molds and viruses. Study of infection and immunity. Special studies of foods, water and sewage with reference to health and sanitation. Lecture: 3 hours. Laboratory: 2 hours.

241 Genetics **4 credits**

A detailed study of the principles of heredity. Both classical and molecular genetics are given equal treatment. Lecture: 3 hours. Laboratory: 2 hours.

Prerequisite: BIO 102, CHM 134 *Fall only*

243 General Microbiology **4 credits**

Fundamental principles and techniques of microbiology, including general morphology, ecology and physiology of microorganisms, methods of study, identification, destruction and control. Lecture: 3 hours. Laboratory: 2 hours *Spring only*

251 Comparative Anatomy and Histology **4 credits**

A detailed study of the tissues, organs and selected systems of the human compared to those of representative vertebrates.Laboratory dissection and prepared slide studies. Lecture: 3 hours. Laboratory: 2 hours.

Prerequisite: BIO 102 or 104.

252 Comparative Anatomy and Histotechnique **4 credits**

A detailed study of the tissues, organs and selected systems of the human compared to those of representative vertebrates. Laboratory dissection, prepared slide studies and techniques of tissue slide preparation.

Prerequisite: BIO 251

301 Gross Anatomy **5 credits**

The study of human anatomy, embryology, and histology emphasizing structure and function in relationship to simple and complex human movement; inter-relationships of neuromuscular and skeletal development and structure (cross-sectional and three-dimensional); and appreciation of anatomical differences among individuals. Laboratory sessions will include cadaver dissection and will strongly integrate Analysis of Human Movement and Applied Physiology. Lecture: 3 hours. Laboratory: 6 hours.

Prerequisites : BIO 211/212, BIO 251/252 or equivalent. Corequisites for PT majors: PT 405 and BIO 407 or permission of instructor

302 Neuroscience **4 credits**

The study of neuroanatomy, neurophysiology, and neuropathology; inter-relationships of nervous system development and structure as related to function; introduction to theories and research regarding postural and motor control and motor learning; applied neuroanatomy/physiology as a basic component of neuromotor evaluation. Lecture: 3 hours. Laboratory: 2 hours.

Prerequisites : BIO 211/212, BIO 251/252 or equivalent. Corequisites for PT majors: BIO 301 and BIO 407 or permission of instructor

345 Developmental Biology **3 credits**

A comprehensive study of developmental Biology. Genetic, molecular and cellular aspects involved in the regulation of temporal and spatial development will be covered. Current experimental systems in the study of developmental biology will be introduced. Lecture: 3 hours.

Prerequisites: BIO 102, BIO 241. *Alternate years*

346 General Physiology **4 credits**

A detailed study of the function of the muscular, nervous, endocrine, cardiovascular, respiratory and excretory systems. Laboratory experiments deal with the physiology of humans and lower vertebrates. Lecture: 3 hours. Laboratory: 3 hours.

Prerequisites: BIO 251, CHEM 134. *Spring only*

360 Immunology **1 credit**

Fundamentals of immunology including innate and adaptive immunity, inflammatory response, antibody-mediated and cell-mediated immunity.

Pre-requisites: BIO 102, CHM 243. *Spring only (9 weeks in duration)*

407 Applied Physiology **4 credits**

Understanding the physiological mechanisms affecting physical therapy evaluation and intervention strategies including physical agents, exercise and modifying variables as related to maintaining and restoring homeostasis. Applied cardiovascular and respiratory physiology and exercise physiology including muscle physiology and energy production. Lecture: 3 hours. Laboratory: 2 hours.

Prerequisites : BIO 211/212, BIO 346, CHM 104/105 or equivalent. Corequisites for PT majors: PT 409; BIO 301 *Fall only*

413 Biology Cooperative Education **3-12 credits**

Academic study combined with work experience in the community.

Prerequisite: 24 credits in Biology. *Spring only*

425 Ecology **4 credits**

A study of the inter-relationships between plants, animals and other components of the total environment.Lecture: 3 hours. Laboratory and field work: 2 hours.

Prerequisites: BIO 102, or BIO 104 or permission of Instructor. Fall only

431 Field Biology **3 credits**

Familiarization with local plants and animals based on actual field observation and collection. Includes sampling of forest, field and pond habitats. Lecture and field work: 3 hours. *Alternate years*

435 Cell Biology **3 credits**

A detailed study of the morphology and physiology of cells. Special emphasis is placed on the inter-relationship between molecular structure and cell function.

Prerequisites: BIO 241, CHM 353 (may be taken concurrently.) Alternate years

441 Molecular Genetics **4 credits**

A study of the molecular basis of information storage, regulation, processing, and expression. Structure and function of proteins, nucleic acids and their interactions are discussed. Molecular approaches used in contemporary biology will be covered with specific attention to plant biotechnology, gene therapy, transgenic organisms and cloning. Laboratory will focus on current molecular biology methodology including DNA sequencing, recombinant DNA technology and polymerase chain reaction (PCR). Lecture: 3 hours Lab: 3 hours

Prerequisites: BIO 241

480 Biological Research **1-2 credits**

Course provides opportunity for student laboratory or theoretical research under staff supervision. Permission of divisional chair is required.Laboratory fee.

Prerequisites: 24 credits in Biology *Spring only*

485 Special Topics **1-4 credits**

Topic may vary from semester to semester and will be announced with preregistration information and course hours. *On demand*

487 Independent Study **1-3 credits**

Special investigation of a selected topic.

Prerequisite: 24 credits in Biology.

490 Coordinating Seminar **1 credit**

An introduction to the literature of biology. Topics discussed vary according to the needs and interests of the students.

Prerequisites: 24 credits in Biology. *Fall only*

Business (BUS)

100 Computing for Business **3 credits**

An introduction to computing emphasizing the use of software packages in problem-solving. Emphasis is on the understanding of computer history, theory and logic as well as computer hardware, system software, word processing, electronic spreadsheets and database software.

105 Basic Computer Technology **3 credits**

Just five or ten years ago, you could get a good job without knowing about computers. Now, that's highly unlikely! Just about everybody who aspires to something more rewarding needs to know the basics of computing. This course covers the use of technology necessary for an individual to succeed in current society. The student gains an understanding of computer hardware and experience in the use of typical software.

107 Essential Communication for Leaders **3 credits**

This comprehensive course focuses on communication theory, techniques, and applications essential within the organization today. A wide variety of verbal, nonverbal, and writing tools are presented in a "hands-on" fashion that emphasizes traditional principles as well as state-of-the-art technology. Business effectiveness and ethics principles are worked throughout the course topics.

205 Macroeconomics **3 credits**

An introduction to the science of economics, with particular attention to scarcity, the market mechanisms of supply and demand, unemployment, inflation, money, banking, Federal Reserve, government, and the application of fiscal and monetary policy to solve current economic problems.

Fall only

206 Microeconomics **3 credits**

The study of microeconomics. Topics covered include supply and demand, elasticity, consumer behavior, costs of production, and the market structures of competition, monopoly, monopolistic competition and oligopoly. Students run a business, using a computer simulation, which demonstrates these economic concepts. *Spring only*

207 Contemporary Economics **3 credits**

This course will include coverage of the nature and scope of economics; scarcity and choice; the U.S. economic system; the role of supply and demand; production, cost and profit; perfect and imperfect competition; money in the U.S. economy, the Federal Reserve and the Money Supply; measuring output and income in the U.S.; macroeconomic models and analysis; employment; income distribution; business cycles; microeconomic policies; national debt; and international trade. *Fall and Spring only*

208 Principles of Management **3 credits**

The basic principles of management are studied, with an emphasis on planning, organizing, leading, and control. The nature of the managerial process within the formal and informal structure will also be studied. *Fall and Spring only*

269 Principles of Marketing **3 credits**

A general overview of the basic marketing philosophies, principles and practices relevant to small and large profit and nonprofit organizations, buyers and sellers, special emphasis on the marketing mix: product, price, promotion and distribution.

Fall Spring only

300 Quantitative Methods I **3 credits**

A study of the use of quantitative methods with emphasis on data collection and organization, data presentation, measures of central tendency and dispersion, probability, probability distributions, estimation, and hypothesis testing. Computer applications are utilized.

Prerequisite: BUS 105 or equivalent or consent of instructor. On demand

301 Quantitative Methods II **3 credits**

A study of the use of quantitative methods for decision making with emphasis on chi square, analysis of variance, simple and multiple correlation and regression, forecasting, network models, decision trees, linear programming, sensitivity analysis, transportation networks, assignment methods, simulations, and queues. Computer applications are utilized.

Prerequisite: BUS 105 or equivalent, BUS 300 or consent of instructor. On demand

304 Sales and Sales Management **3 credits**

This course is oriented to the managerial and the strategic aspects of sales management. Emphasis will be placed upon recruitment of the sales force, compensation policies, effective territorial alignments, time management, and financial responsibilities. Interpersonal selling techniques are explored and discussed.

Prerequisite: BUS 269. *Spring only*

306 Organizational Behavior **3 credits**

This course studies behavior patterns and motivational dynamics of different types of organizations and focuses on the leadership skills and interpersonal relationships necessary to achieve organizational goals while developing human potential. Topics include micro and macro models of organizational behavior applied to the management of organizational processes and design, motivation, leadership, structural design, and workforce diversity.

Prerequisite: BUS 208 Principles of Management *Spring only*

307 Management Science **3 credits**

Management Science is not just a fancy name for "management"! This sometimes confuses those unfamiliar with the title: we are teaching people how to be managers. Management Science is concerned with providing advice, analysis and support to decision-makers. The "Science" part means that this is based on a scientific approach, looking systematically at what the aims may be, how scarce resources can be used most effectively, and how good ideas can be implemented.

Analysis is used to help the organization design better systems and make better decisions. Quite often, mathematical and statistical methods are applied using computer packages to do calculations. Just as important is the ability to think creatively, and to communicate well. Effective users of Management Science are in close contact with their clients.

This course provides students with a solid conceptual understanding of the role that management science plays in the decision-making process. This course will also introduce students to procedures used to solve problems, such as the decision making process, linear programming, transportation, Assignment, Transshipment, Project Scheduling, Waiting Line models, simple linear regression and multiple linear regression.

Prerequisite: Basic Technology or permission of instructor and Basic Statistics I

Spring only

312 Retailing **3 credits**

This course provides a basic foundation of the retail industry and a complete presentation of the many and diverse facets that make up the dynamic world of retailing. Areas that will be discussed include: retail institutions, human factors in retailing, the importance of location, merchandise management and promotion.

Prerequisite: BUS 269. *Fall only*

321 Product/Service Marketing **3 credits**

This course provides an overview of key issues in the marketing of products and services. It guides the student to reassess the four P's of marketing in the context of products and services. Utilizing a case approach, this course examines how the marketing of services differs from that of products. Other marketable entities, like organizations, persons, places, and ideas, are included.

Prerequisite: BUS 269 Principles of Marketing *Spring only*

335 Retail Buying **3 credits**

A study of foundation knowledge of the current policies and procedures used in retail buying and merchandising. Included are merchandise control, pricing, and merchandise arithmetic. The focus is on developing the skills necessary for decision making in a retail buyers' day-to-day world of planning and control. Discussion includes assortment planning and quantitative merchandising.

Prerequisite: BUS 269 *Alternate years*

340 Advertising and Sales Promotion **3 credits**

A comprehensive study of the theory and practical applications of advertising and sales promotions as forms of communication in marketing. The student gains an understanding of strategic planning, objective setting, tactical decision making, research, message and vehicle selection and execution.

Prerequisite: BUS 269 *Fall only*

345 Consumer Behavior **3 credits**

A study of the dynamics of consumer markets and their significance to marketing executives. Subtopics include the identification and measurement of market segments, the analysis of these segments' behavioral patterns in regards to shopping and purchasing, and the application of this knowledge in developing marketing strategy.

Prerequisite: BUS 269 *Fall only*

350 Money and Banking **3 credits**

A study of the principles of money, interest, inflationary and deflationary pressures and the development of the banking system with emphasis on the federal reserve system, and monetary and fiscal policy.

Prerequisite: BUS 207 *Spring only*

352 Business Law **3 credits**

Through law, society establishes values and goals. The purpose of American business law is to bring reason, fairness, and stability to the marketplace. This course enables students to anticipate the legal consequences of business decisions and behaviors.

Fall only

360 Management of Human Resources **3 credits**

A study of the role of work in our society and its effect on organizations including the nature of personnel management, the legal influences on personnel decisions, recruitment, selection, training, compensation, service and benefit programs, and the major problems and recent developments in labor relations. Computers may be utilized to apply these concepts.

Prerequisite: BUS 208. *Fall only*

371 Business Financial Management **3 credits**

A study of the financial problems associated with the life cycle of a business. Includes estimating the financial needs of an enterprise, breakeven point, operating leverage, capital structure, stocks and bonds, and working capital management. Microcomputers are used to aid in problem solving.

Prerequisite: ACC 102. *Fall only*

385 Production and Operations Management **3 credits**

A systematic study of current production theories and practices including facilities provision and maintenance, capacity planning, facility location, layout planning, product design, inventory control and aggregate planning and scheduling. Emphasis is on terminology, general concepts and specifics of different solution techniques and methodologies.

Prerequisites: BUS 100, BUS 208, BUS 300 *Spring only*

401 Channel Strategies **3 credits**

This course focuses on how to design, develop, and maintain effective relationships among channel members, including retailers and wholesalers. Students will learn the logistics of distribution and the economics of channel decisions. Channel management policies and constraints are discussed.

Prerequisite: BUS 269 Principles of Marketing *Spring only*

402 Pricing Strategies **3 credits**

This practical course provides a comprehensive, managerially focused guide to formulating pricing strategy. It is a guide to profitable decision making and provides a basis for analyzing pricing alternatives.

Prerequisite: BUS 269 Principle of Marketing *Spring only*

403 Strategic Marketing **3 credits**

Strategic Marketing examines the concepts and processes for gaining a competitive advantage in the marketplace. This capstone course presents a series of problem cases of actual firms, and focuses on helping students gain an appreciation for decision making in real-world situations.

Prerequisite: All required marketing courses *Spring only*

406 Current Issues and Trends in Business **3 credits**

This course looks at emerging paradigms and administrative issues that face today's managers. Students are exposed to a variety of topics.

Prerequisite: Senior status or permission of instructor *Spring only*

415 International Business **3 credits**

The intent of this course is to provide a blend of solid research-based information coupled with real world, current, interesting application examples that help explain International Business topics. An active learning approach is used in relating text material with real world international situations. The topics will include the perspective and environment of international business, the human resource management functions, as well as the strategies and functions of international operations.

Prerequisites: BUS 208r *Fall only*

420 Small Business Management **3 credits**

Focuses on management practices unique to small businesses, preparation of the student for small business ownership, identifying characteristics of small businesses, and describing the rewards and problems involved in managing retail stores, service firms and manufacturing firms.

Prerequisite: BUS 208. *Spring only*

421 Special Topics in Marketing **3 credits**

An opportunity for students to explore nontraditional marketing phenomena. Great societal marketing opportunities exist in organizations other than business firms. Special areas of marketing which need attention include nonprofit, health care, education, ideas, places, political candidates, service and international marketing.

Prerequisite: BUS 269 or consent of instructor. *On demand*

430 Management Information Systems **3 credits**

An interdisciplinary study which views information as an economic resource. The course focuses on computer-based information systems that support the operations, management and decision functions of an organization and explores the basic technical, behavioral, economic and organizational concepts relevant to information, decision making and systems. Topics include the methodology and practice of developing a computerized information system; the organization, management and control of the information system and the social impact of information technologies. *Fall only*

440 Marketing Management **3 credits**

A comprehensive study of the management function in marketing. Focus is on analysis, planning, and control of the marketing mix. Decision-making skills are developed through the use of a computer simulation, the case study approach, or through the development of a marketing plan. In either scenario students are required to demonstrate decision-making skills on product, price, placement, and promotions, as well as market segmentation.

Prerequisites: ACC 101, BUS 208, BUS 269. *On demand*

450 Marketing Research **3 credits**

A comprehensive and practical overview of the field of marketing research emphasizing an applied approach with applications that give students an understanding of the scope of marketing research. Computers are utilized to analyze research data.

Prerequisites: BUS 269 *Fall only*

465 Special Topics in Business **1–6 credits**

Topics vary from semester to semester and will be announced with preregistration information.

Prerequisites: Consent of instructor

472 Business Administration Internship **1–6 credits**

On-the-job training in the business community. Students must have senior status, a GPA of 2.5 or above, and division approval to participate.

480 Independent Study **1–3 credits**

Special investigation, with the assistance of a faculty member, of a selected topic of interest. A GPA of 3.0 or above, Program Director, Division Chair and Vice-President of Academic Affairs approval required.

491 Seminar in Business Policies **3 credits**

The case-method technique is used to study managerial problems and the decision-making process. Areas covered include strategic planning, setting goals and objectives, marketing, managing, production, public relations, personnel, human relations, and financial management. Computer simulations are used to involve students in decision making in the various areas of the business firm. Graduating seniors and qualified juniors only.

Prerequisites: ACC 102, BUS 105, BUS 207, BUS 208, BUS 269, BUS 301, BUS 352, BUS 371, BUS 306 *Spring only*

Chemistry

104 General Chemistry **3 credits**

Principles of general chemistry with an introduction to organic chemistry. Lecture: 2 hours. Laboratory: 2 hours.

Prerequisite: High school chemistry or permission of instructor. *Fall only*

105 Introduction to Organic Chemistry **3 credits**

Survey of carbon compounds with an emphasis on those of biological significance. Lecture: 2 hours. Laboratory: 2 hours.

Prerequisite: CHM 104 *Spring only*

104 General Chemistry **3 credits**

Principles of general chemistry with an introduction to organic chemistry. Lecture: 2 hours; laboratory: 2 hours

Prerequisite: High school chemistry or permission of instructor *Fall only*

105 Introduction to Organic Chemistry **3 credits**

Survey of carbon compounds with an emphasis on those of biological significance. Lecture: 2 hours; laboratory: 2 hours

Prerequisite: CHM 104 *Spring only*

133/ Chemical Principles **4 credits each**

134 Comprehensive study of the fundamental laws and theories of chemistry. Principles and techniques of systematic qualitative analysis and an introduction to quantitative laboratory procedures. Lecture: 3 hours. Laboratory: 3 hours.

Prerequisite: High school chemistry or permission of instructor. CHM 133 is a prerequisite for CHM 134

210 Descriptive Chemistry **3 credits**

Discussion and study of elements and their compounds, emphasizing the relationship between the periodic table, chemical and physical properties, and commercial and industrial applications. Relevant problems and problem solving techniques are considered. Lecture: 2 hours. Laboratory: 2 hours

Prerequisite: CHM 134. *Fall only*

243/ Organic Chemistry **4 credits each**

244 Properties and reactions of the major classes of carbon compounds. Preparation of a variety of organic compounds. Lecture: 3 hours. Laboratory: 3 hours.

Prerequisite: CHM 134. CHM 243 is a prerequisite for CHM 244

264 Inorganic Quantitative Analysis **5 credits**

Theory and laboratory procedures in typical volumetric, colorimetric and gravimetric analysis. Lecture: 3 hours. Laboratory: 6 hours

Prerequisite: CHM 134. *Alternate years*

343 Introduction to Physical Chemistry **4 credits**

States and structure of matter; thermodynamics; thermochemistry. Lecture: 2 hours. Laboratory: 4 hours.

Prerequisites: CHM 244, PHY 222, MTH 152 *Alternate years*

350 Chemical Literature **1 credit**

Nature of the chemical literature. Methods of library research and information retrieval. Lecture: 1 hour.

Prerequisite: CHM 244. *Fall only*

353 Biochemistry I **3 credits**

Study of the major classes of biomolecules: carbohydrates, lipids, amino acids, protein (structure and function) and nucleic acids. Introduction to metabolism and bioenergetics, Glycolysis, and the Krebs cycle. Lecture: 3 hours.

Prerequisite: CHM 244 *Fall only*

354 Biochemistry II **3 credits**

Study of electron transport and oxidative phosphorylation. Introduction to enzymology and enzyme kinetics, metabolic pathways, nucleic acid and protein metabolism. Special topics include: enzyme purification, PCR and its uses, biological membranes and signal transduction, oncogenes and cancer.

355 Physical Chemistry I **4 credits**

Properties and structure of gases, thermodynamics, chemical equilibrium, phase equilibrium, solutions, electrochemistry. Lecture: 3 hours. Laboratory: 3 hours

Prerequisite: MTH 242, PHY 222. *Fall only*

356 Physical Chemistry II **4 credits**

Structure of matter, quantum theory, bonding, atomic and molecular spectroscopy, kinetics. Lecture: 3 hours. Laboratory: 3 hours.

Prerequisite: CHM 355. *Spring only*

353 Biochemistry I **3 credits**

Study of the major classes of biomolecules: carbohydrates, lipids, amino acids, protein structure and function, and nucleic acids. Introduction to metabolism and bioenergetics, Glycolysis, and the Krebs cycle.

Prerequisite/corequisite: CHM 353 *Fall only*

363 Biochemistry Laboratory **1 credit**

The course is designed to investigate the major laboratory techniques used in the study of the physical, chemical, and catalytic properties of biological molecules. Topics include protein chromatography, protein and nucleic acid electrophoreis, enzyme catalysis, PCR, and DNA sequencing. Laboratory: 3 hours.

Prerequisite/corequisite: CHM 353 *Fall only*

410 Advanced Inorganic Chemistry **3 credits**

Discussion and study of elements and their compounds emphasizing the relationship between the periodic table, chemical and physical properties, and commercial and industrial applications. Relevant problems and problem solving techniques are also considered. Lecture: 3 hours.

Prerequisite: Physical Chemistry II

411 Instrumental Methods of Analysis **3 credits**

Theory and techniques in spectroscopy, electrochemistry, chromatography and other selected methods of chemical analysis. Lecture: 3 hours

Prerequisites: CHM 244, PHY 222, Chemistry majors must co-register for CHM 412 (Instrumental Analysis Laboratory I). *Spring only*

412 Instrumental Analysis Laboratory I **1 credit**

A practical introduction to chemical instrumentation and methods of analysis. The practice of chromatography, electrochemistry and other selected methods for chemical analysis will be investigated through laboratory exercises. Laboratory: 3 hours

Prerequisites: CHM 244, PHY 222, Chemistry majors must co-register for CHM 411. *Spring only*

413 Instrumental Analysis Laboratory II **1 credit**

A continuation of CHM 412 (Instrumental Analysis Laboratory I). Laboratory projects involving a variety of analytical techniques with an emphasis on spectroscopy and real sample analysis. Laboratory: 3 hours

Prerequisites: CHM 244, PHY 222, CHM 411, CHM 412 (Instrumental Analysis Laboratory I). *Fall only*

420 Polymer Chemistry **3 credits**

An introduction to the synthesis, properties, and characterization of polymers. The course will cover both addition and condensation polymers, catalysis and modern methods and instrumentation for the characterization of macromolecules.

450 Special Topics **1–3 credits**

Topic may vary from semester to semester and will be announced with preregistration information and course hours. In this course students will acquire expertise in a specialized field of chemistry. The precise field of chemistry offered will depend on the requests from students and availability of a qualified faculty member to teach the course.

456 Qualitative Organic Analysis **3 credits**

Characterization of organic compounds using classical methods and instrumental analysis. Conference and laboratory hours.

Prerequisite: CHM 244. *Alternate years*

460 Research in Chemistry **3 credits**

Chemical research under the direction of a faculty member of the Chemistry Department. Three hours of laboratory research per credit hour is required. The number of credit hours will be arranged between the student and the research direction.

475 Seminar **1 credit each semester**

Current topics. Each student will prepare and present a seminar each semester. Lecture: 1 hour

Prerequisite: CHM 343

490 Chemistry Internship **3–6 credits**

Academic study combined with work experience in an industrial or academic lab.

Prerequisites: Junior standing or approval of Chemistry faculty. *Summer only*

Child Welfare Services (CWS)

363 Child Welfare Services **3 credits**

Introduction to the policies and services that comprise the child welfare system in the community. Examination of supportive and substitute services, worker roles and activities, and service effectiveness. Fall only

392 Child Abuse and Neglect **3 credits**

A practice-oriented course for students who intend to work in a protective service role. Abuse and neglect causes, legal sanctions for intervention, treatment approaches, case planning, and service. *Spring only*

393 Child Welfare Law **3 credits**

Examination of the laws on which child welfare workers rely to promote the rights of families and children. State and local laws that provide services to families and children, legal resources for offenders, child welfare service provision in specific areas, e.g. adoption.

Prerequisite: CWS 363 or permission of instructor. *Alternate years*

395 Foster, Residential and Adoptive Care **3 credits**

Assessment, case planning and the provision of services in foster care, in residential facilities and for child adoption.

Prerequisite: Permission of instructor. *Alternate years*

Communications COM

201 Journalism I **3 credits**

Introduction to basic news writing and reporting. Emphasis is placed on developing a clear journalistic style and on learning to cover events and conduct effective interviews.

Prerequisite ENG 103 or two writing-intensive courses *Fall only*

202 Journalism II **3 credits**

Introduction to copy editing and layout. Emphasis is placed on practical experience to develop better editing and newspaper designing skills.

Prerequisites ENG 103 or two writing-intensive courses, COM 201 *Spring only*

205 Media Criticism I **3 credits**

An examination of techniques of print journalism through work with journalistic texts from a variety of print media. Course includes theoretical criticism of specific texts and of print media in general, as well as examination of related ethical issues.

Prerequisite: ENG 103 or two writing-intensive courses *Fall only*

206 Media Criticism II **3 credits**

An examination of the techniques of journalism in film and television. Course includes theoretical criticism of documentary film and television journalism, as well as examination of related ethical issues.

Prerequisite: ENG 103 or two writing-intensive courses *Spring only*

310 Video Production **3 credits**

Instruction and practice in producing original video using camcorders and editing equipment.

Prerequisites: Media Criticism I & II

315 TV Studio Production **3 credits**

Instruction and practice in producing studio-based TV programming.

Prerequisites: Media Criticism I & II, Phy 107-108

320 Radio Programming and Production **3 credits**

Instruction and practice in producing and programming for radio.

Prerequisites: Media Criticism I & II, PHY 107-108

325 Feature and Magazine Writing **3 credits**

Practice in writing longer articles suitable for both newspaper and magazine publishing.

Prerequisites: ENG 103 or two writing-intensive courses

370 Practicum **3 credits**

Directed experiences in selected areas of communications (e.g., supervised work on the student newspaper).

Prerequisites: ENG 103 or two writing-intensive courses, COM 201 & 202

470 Internship **3–9 credits**

Directed experiences at local newspapers, radio and TV stations, public relations offices, and other media outlets.

Prerequisites: ENG 103 or three writing-intensive courses, ENG 203, COM 201 & 20

Computer Science CPS

101 Introduction to Programming **3 credits**

Problem solving methods; algorithm development; procedural and data abstraction; program design, programming. Intended for students who plan to continue with other Computer Science courses. *Fall only*

121 Computer Programming **3 credits**

Control structures, top-down programming and stepwise refinement. Debugging, testing and documentation. Lecture: 2 hours Laboratory: 2 hours.

Prerequisite: CPS 101 or knowledge of Pascal and permission of instructor. Spring only

221 Introduction to Computer Systems **3 credits**

Basic concepts of computer systems and computer architecture. Machine and assembly language programming. Lecture: 2 hours Laboratory: 2 hours.

Prerequisite: CPS 121. Fall only

222 Introduction to Computer Organization **3 credits**

Organization and structure of the major computer components; mechanics of information transfer and control within the digital computer system; fundamentals of logic design and computer arithmetic.

Prerequisite: CPS 121. Spring only

231 Introduction to File Processing **4 credits**

File terminology, structure and manipulation techniques. Sequential and random access bulk storage devices. Applications of data structures and file processing techniques. Introduction to COBOL. Lecture: 3 hours Laboratory: 2 hours.

Prerequisite: CPS 121 Fall only

232 Data Structures and Algorithm Analysis **3 credits**

Design and analysis of non-numeric algorithms, particularly for sorting/merging/searching. Algorithm testing and complexity.

Prerequisite: CPS 231. Spring only

321 Operating Systems and Computer Architecture **3 credits**

Organization and architecture of computer systems at the register-transfer and programming levels; operating systems principles; inter-relationship of the operating system and the architecture of computer systems.

Prerequisites: CPS 221, CPS 222 (CPS 231 also recommended) Fall only

331 Organization of Programming Languages **3 credits**

Features, limitations, organization and run-time behavior of programming languages. Formal study of programming language syntax, grammar and data and control structures. Examples of language implementations. Continued development of problem solution and programming skills.

Prerequisite: CPS 121 (CPS 221 and 231 strongly recommended). Fall only

412 Computers and Society **3 credits**

Concepts of social value and valuations; the effects of computers on society; professional ethics in decisions concerning social impact; tools and techniques used to solve problems related to social consequences of computers.

Prerequisites: CPS 121 and one of the following: CPS 221, CPS 222, CPS 231. Spring only

413 Computer Science Cooperative Education **3–6 credits**

Academic study combined with work experience in the community.

431 Software Design and Development **3 credits**

Design techniques, organization and management of large scale software development. Students work in programming teams on a major development project. Course is equated with MIS 200.

Prerequisite: CPS 232 (CPS 331 strongly recommended). Fall only

432 Database Management Systems Design **3 credits**

Introduction to database concepts, data models, data description languages, query facilities, file and index organization. Data integrity, reliability and security. Students work with real database management systems.

Prerequisite: CPS 232. *Spring only*

480 Independent Study **1–3 credits**

Special investigation of a selected topic.

485 Special Topics in Computer Science **1–3 credits**

Topics vary from semester to semester and will be announced with preregistration information.

Prerequisite for all Special Topics courses: CPS 100 or CPS 101 or consent of instructor.

Education Programs

101 Freshman Seminar **0 credits**

This non-credit seminar (which is conducted during the first third of the semester) introduces students who intend to major in teacher education (all majors) to CM TED's curriculum and requirements. During the seminar, students prepare to participate in the Initial Review Process.

102 Transfer Seminar **0 credits**

This non-credit seminar (which is conducted during the first third of the semester) introduces transfer students who intend to major in teacher education (all majors) to CM TED's curriculum and requirements. During the seminar, students prepare to participate in the Initial Review Process.

111 Introduction to Education **3 credits**

This introductory course introduces freshman students (all majors) to the foundations and structures of contemporary education. It surveys the historical, sociological, and philosophical issues and research which shaped education in America; reviews how America?s schools are currently regulated and structured; and highlights the roles and responsibilities of contemporary classroom teachers. Additionally, the course introduces students to contemporary issues and trends in American education.

121 Educational Technology **3 credits**

This freshman-level course introduces students to educational technology. In addition to preparing students to select and use equipment and software, this course prepares students to effectively use technology as a teaching tool.

231 Learning **3 credits**

This sophomore-level course introduces students to contemporary learning theories, including those which explain atypical learning styles. In doing so, the course prepares students to use learning theories to explain and critique teaching and testing methods used with students at various stages of development. During this course students learn about and how to administer and use the results of formal standardized tests.

TED 231 and TED 241 should be taken during the same semester.

241 Development **3 credits**

This sophomore-level course introduces students (all majors) to factors which interact to govern how children and adolescents grow and develop. The processes and stages of growth and development are explored, including those which explain atypical growth and development experienced by exceptional children and adolescents.

TED 241 and TED 231 should be taken during the same semester.

251 Curriculum **3 credits**

This sophomore-level course introduces students (all majors) to the foundations, structures, and expectations of curriculum (including Individualized Education Programs). In addition to explaining the purposes of curriculum, how curriculum is regulated, and how it is structured and stated, the course prepares students to develop and use curriculum to develop units and lesson plans. During this course students learn about and how to develop, administer, and use the results of informal tests.

TED 251 and TED 261 should be taken during the same semester.

261 Teaching **3 credits**

This sophomore-level course prepares students (all majors) to implement units and lessons that follow models for group-oriented direct instruction, in content areas. During this course, students prepare and present (to their classmates) a series of demonstration lessons. In addition, students learn how to establish classrooms and to conduct the many non-instructional duties that must be performed by classroom teachers. Materials and resources used by teachers are highlighted.

TED 251 and TED 261 should be taken during the same semester.

271 Classroom Management **2 credits**

This junior-level course introduces students (all majors) to the basic roles and responsibilities of classroom teachers as they relate to managing classrooms and behaviors. Students explore the challenges they are likely to face as classroom teachers, including those presented by students with disabilities, and prepare to understand and use a series of theory and research-based routines and techniques to manage students? behaviors across levels and settings.

Prerequisites/corequisites: TED 231

342 Characteristics MPH **3 credits**

This junior-level course prepares students to identify and explain understand the characteristics of students with profound to moderate mental and physical disabilities.

Prerequisites: TED 231 L

343 Autism **1 credit**

This junior-level course prepares students to identify and explain the characteristics of students with Pervasive Developmental disorders, specifically autism. Theories and researches related to possible causes and current educational treatments are explored.

Prerequisite: TED 241

352 Curriculum in Early Childhood Education **1 credit**

This junior-level course prepares students to identify and explain the curriculum and setting demands of early childhood education (i.e., nursery schools, preschools, and kindergartens). National, state, and local standards are highlighted.

Prerequisite: TED 251

352 Curriculum in Elementary **1 credit**

This junior-level course prepares students to identify and explain the curriculum and setting demands of elementary education (i.e., K - 6). National, state, and local standards are highlighted.

Prerequisite: TED 251

353 Curriculum in Special Education **1 credit**

This junior-level course prepares students to identify and explain the purposes, curriculum, and demands which control special education, including those identified as Life Skills Programs, Academic Support Programs, and Emotional Support Programs. National, state, and local standards are reviewed, including those suggested by the Council for Exceptional Children (CEC).

Prerequisite: TED 251

354 Curriculum in Middle Level Education **1 credit**

This junior-level course prepares MLED students to identify and explain the general curriculum and setting demands of middle level education (i.e., middle schools and junior high schools). In addition, MLED students thoroughly explore the curricula their content area certifications will allow them to teach. National, state, and local standards are highlighted, including those suggested by the National Middle Schools Association.

Prerequisite: TED 251

355 Curriculum in Secondary Education **1 credit**

This junior-level course prepares SECED students to identify and explain the general curriculum and setting demands of secondary level education (i.e., high schools). In addition, MLED students thoroughly explore the curricula their content area certifications will allow them to teach. National, state, and local standards are highlighted.

Prerequisite: TED 251

362 Methods in Early Childhood Education **2 credits**

This junior-level course prepares ECED students to identify/develop and use a variety of materials and methods (including educational technology) unique to early childhood education (i.e., nursery schools, preschools, and kindergartens, including those which include students with disabilities). During the course, students are required to develop and present demonstration lessons to their classmates, including lessons which integrate content and technology.

Prerequisites: TED 261 G and TED 352

363 Methods in Elementary Education **2 credits**

This junior-level course prepares ELED students to identify/develop and use a variety of materials and methods (including educational technology) unique to elementary education (i.e., first through sixth grades, including those which include students with disabilities). During the course, students are required to develop and present demonstration lessons to their classmates, including lessons which integrate content and technology.

Prerequisites: TED 251 and TED 353

364 Methods in Special Education Skills **3 credits**

This junior-level course prepares SPED students to identify/develop and use a variety of materials and methods (including educational technology) unique to life skills programs (i.e., primary, elementary, intermediate, and secondary programs for students with profound to moderate mental and physical disabilities). During the course, students are required to develop and present demonstration lessons to their classmates, including lessons which integrate content and technology.

Prerequisites: TED 261 and TED 354

365 Methods in Special Education/Learning Support **2 credits**

This junior-level course prepares SPED students to identify/develop and use a variety of materials and methods (including educational technology) unique to learning and emotional support programs (i.e., primary, elementary, intermediate, and secondary programs for students with learning and emotional disabilities in academic areas). During the course, students

are required to develop and present demonstration lessons to their classmates, including lessons which integrate content and technology.

Prerequisite: TED 261

366 Methods in Middle Level Education **2 credits**

This junior-level course prepares MLED students to identify/develop and use a variety of materials and methods (including educational technology) unique to middle level education (i.e., middle schools and junior high schools, including those which include students with disabilities). During the course, students are required to develop and present demonstration lessons to their classmates, including lessons which integrate content and technology.

Prerequisite: TED 261

367 Methods in Secondary Education **2 credits**

This junior-level course prepares SECED students to identify/develop and use a variety of materials and methods (including educational technology) unique to secondary education (i.e., high schools, including those which include students with disabilities). During the course, students are required to develop and present demonstration lessons to their classmates, including lessons which integrate content and technology.

Prerequisite: TED 261

381 Reading Methods I **3 Credits**

This course prepares students (ECED, ELED, MLED, and SPED) to understand the expectations of developmental reading curriculum and to use methods and materials commonly used to teach groups of students to develop reading skills. During the course, students are required to develop and present demonstration lessons to their classmates.

Prerequisite: TED 251

382 Reading Methods II **3 credits**

This course prepares students (ECED, ELED, MLED, and SPED) to adapt and enhance methods and materials commonly used to teach reading skills to allow groups and/or individuals multiple pathways to learning. Additionally, students prepare to use a series of specialized methods and materials designed to teach students with atypical learning styles, including those with disabilities. During the course, students are required to tutor a student in reading.

Prerequisite: TED 281 I

383 Reading Methods III **3 credits**

This course provides preservice teachers (ECED, ELED, and SPED) with an opportunity to work intensely under the direction of veteran reading teachers in an internship setting. During the internship, students plans and implement individualized teaching/learning activities.

Prerequisite: TED 281 and ITED 282

384 Math Methods I **3 credits**

This course prepares students (ECED, ELED, MLED, and SPED) to understand the expectations of developmental elementary math curriculum and to use the methods and materials commonly used to teach children to develop math competencies. During the course, students are required to develop and present demonstration lessons to their classmates and to tutor a student in mathematics.

Prerequisite: TED 261

385 Math Methods II **3 credits**

This course prepares students (ECED, ELED, MLED, and SPED) to adapt and enhance methods and materials commonly used to teach mathematic to allow groups and/or individuals multiple

pathways to learning. Additionally, students prepare to use a series of specialized methods and materials designed to teach students with atypical learning styles, including those with disabilities. During the course, students are required to tutor a student in mathematics.

Prerequisite: TED 261

386 Art Methods **3 credits**

This junior-level course prepares ECED and ELED students to use the visual arts to teach content skills. During the course, students are required to develop and present demonstration lessons to their classmates.

Prerequisites: TED 261 and TED 352

387 Music Methods **1 credit**

This junior-level course prepares ECED and ELED students to use the music and drama to teach content skills. During the course, students are required to develop and present demonstration lessons to their classmates.

Prerequisites: TED 261 T and TED 352

373 Classroom Management in Elementary Education **1 credit**

This junior-level course identifies the classroom management challenges unique to elementary classrooms. It identifies a series of routines and techniques which might be used by teachers in elementary classrooms.

Prerequisite: TED 271

374 Classroom Management in Special Education **1 credit**

This junior-level course identifies the classroom management challenges unique to learning support classrooms. It identifies a series of routines and techniques which might be used by teachers in elementary classrooms. This junior-level course identifies a series of routines and techniques which might be used by teachers in Life Skills Support Programs.

Prerequisite: TED 271

375 Classroom Management in Emotional Support **1 credit**

This junior-level course identifies the classroom management challenges unique to special education programs. It identifies a series of routines and techniques which might be used by teachers in programs which serve students with severe behavior problems, including those in Learning Support and Emotional Support Programs. The role of the consultant/support teacher is identified.

Prerequisite: TED 271

376 Classroom Management in Middle Level Education **1 credit**

This junior-level course identifies the classroom management challenges unique to middle level classrooms. It identifies a series of routines and techniques which might be used by teachers in middle level classrooms.

Prerequisite: TED 271

377 Classroom Management in Secondary Education **1 credit**

This junior-level course identifies the classroom management challenges unique to secondary classrooms. It identifies a series of routines and techniques which might be used by teachers in high school classrooms.

Prerequisite: TED 271

322 Assistive Technology **3 credits**

This senior-level course prepares SPED majors to identify and use adapted equipment and assistive devices, including those which require computer assistance.

443 Parent Conferencing **1 credit**

This senior-level course prepares students (all majors) to plan and conduct parent conferences and to participate in meetings, such as those conducted by planning teams for IEPs. It emphasizes ways to develop partnerships and cooperation with parents and families. Students prepare to develop written educational reports.

445 Independent Study (Variable)

This course provides students with the opportunity to work independently with TED faculty to explore specific topics in education.

401 Senior Seminar **0 credits**

This semester-long seminar prepares students (all majors) to participate in the National Teachers Examination and other high stakes assessments used in teacher certification. It also helps students identify and negotiate the processes and procedures they must complete to become certified in Pennsylvania and in other states. The seminar prepares students to identify open teaching positions, prepare applications and presentation portfolios, to interview for teaching positions, and to plan and present demonstration lessons.

191 Freshman Field **0 credits**

After completing TED 000 Freshman Seminar, students participate in this on-campus seminar (last two-thirds of the semester).It introduces students (all majors) to the purposes and expectations of the CM TED?s field experience requirements. Faculty and guest presenters, including district administrators and classroom teachers, help students prepare to effectively participate in CM's required field experiences. Students must "shadow" a teacher for an entire day.

292 Sophomore Field I **0 credits**

During the Fall semester, sophomores are expected to spend approximately one half day per week observing veteran classroom teachers and students in classroom situations. While participating in the experience, students must complete a series of projects.

293 Sophomore Field II **0 credits**

During the Spring semester, sophomores are expected to spend approximately one half day per week observing veteran classroom teachers and students in classroom situations. While participating in the experience, students must complete a series of projects.

294 Junior Field **0 credits**

During the semester they are not enrolled in TED 395 Junior Practicum, juniors are expected to spend approximately one half day per week assisting veteran classroom teachers and students in classroom situations, including by paying special attention to classroom management issues. While participating in the experience, students must complete a series of projects.

395 Junior Practicum **1 credit**

This junior-level field experience provides students (all majors) with a structured opportunity to function as teachers. Students spend approximately one day each week for an entire semester serving as teachers-in-training in selected community classrooms. During the practicum, students must plan, implement, and assess a unit of instruction and a series of related lessons with actual students. Their work is supervised and critiqued by a master teacher and a college supervisor.

396 Senior Field **0 credits**

During the semester they are not enrolled in TED 497 Student Teaching, seniors are expected to independently propose and then complete a series of activities. The activities might be completed in a specially selected community classrooms or in related settings (e.g., a group home, a tutorial setting, a business or industry, etc.).

497 Student Teaching **9 credits**

The culminating activity of the college's teacher education program places students (all majors) in classroom situations where they complete their development as teachers by demonstrating their abilities to fully function as classroom teachers. CM TED students spend the first half the student teaching semester in one setting and the second half in another. In each placement, the student teachers work under the guidance and supervision of master teachers and college supervisors.

English (ENG)

101 Literature of Values: Ancient and Medieval Literary Tests **3 credits**

This course is a survey of major works selected from ancient Greek and Roman literature, and Western European literature of the middle ages. Emphases will be on the ways in which specific works reflect the cultural values and historical situations of the peoples who produced them.

102 Literature of Discovery: Modern and Early Modern Literary Texts **3 credits**

This course includes reading in Western European literature from the Renaissance to the 20th century. Emphasis is placed on the ways in which specific works reflect changing values and modern intellectual movements.

103 Composition **3 credits**

Instruction and practice in writing skills for college and professional life.

104 Literature of Discovery: American Literature **3 credits**

This course includes readings in American literature from the first Europeans to the 20th century. Emphasis is placed on the ways in which specific works reflect changing values and modern intellectual movements.

105 The Research Paper **3 credits**

Instruction and practice in writing research papers from the choice of a topic to completion of the final draft.

Variable lecture/discussion and laboratory hours.

Prerequisite: ENG 103 or two writing-intensive courses *Spring only*

108g/m African American Literature **3 credits**

This course will discuss the major African American authors in America. It will consider how these authors' texts reflect their sense of identity and how these texts fit into larger frameworks of American literature. This course will investigate issues such as stereotyping and will examine the cultural history behind these works.

109g/m Modern World Literature **3 credits**

This course focuses on the literatures of modern cultures other than those of Western Europe or North America. Works and authors are discussed in relation to their native cultures and in relation to the ways in which the literature reveals cultural and historical assumptions different from our own.

111g/m Literature of American Immigrants **3 credits**

This course will investigate the experiences of different ethnic groups in America. It will consider both their introductory experiences to America and their experiences attempting to integrate into American culture. Finally, the course will examine how the idea of immigration has remained central to the American myth, while immigrants themselves have often remained marginalized.

112 Speech Communication **3 credits**

A content and performance oriented course designed to teach the importance of speech communication in today's society. Basic principles of speech communication; application of principles through the creation of communication messages; giving and receiving constructive criticism; avoiding communication breakdowns.

120 Theatre Production **1 credit**

The preparation and presentation of productions including rehearsal, performance, stage management, scenery production, constructing properties, lighting, sound, costumes, programs, box office, publicity, etc. May be repeated for credit.

Cross registration with FA 120

203 Advanced Expository Writing **3 credits**

Advanced practice in writing clear prose using various modes of exposition, with an emphasis upon developing and improving style.

Prerequisite: ENG 103 two writing-intensive courses Spring only

205 Beginning Acting **3 credits**

Analysis and experience of dramatic literature through performance. Emphasis is placed on building a basic performance vocabulary and technique, and developing confidence and critical thinking skills.

215 Shakespeare **3 credits**

Introduces the student to Shakespeare through a careful reading and analysis of two or more genres of shakespearean drama in seven or eight of the major plays. A number of approaches may be taken to the plays, such as their dramaturgy and structural composition, as well as the intellectual and social background of Shakespeare's age.

Prerequisites: Literature core Spring only

220 Theatre in Performance **3 credits**

Examination of dramatic texts in performance and the history of dramatic production in a variety of cultures. Main focus is on Western traditions, but some Eastern traditions are included.

Prerequisites: Literature core

300 Classics of Western Literature **3 credits**

A study of the major works which have influenced Western writers, with emphasis on the characteristics of different types of literature and cultural backgrounds. Readings include works by Homer, Dante, and Goethe.

Prerequisites: Literature core Spring only

318 The Study of Language **3 credits**

An introduction to the phonology, morphology, lexicon, and syntax of English. Approaches include both an overview of the development of English from the perspective of historical linguistics and an analysis of English from the perspective of structural linguistics. Topics covered include: the IPA phonetic system, Indo-European roots of English, borrowings into English, traditional and transformational grammar, and dialect.

325 Feature and Magazine Writing **3 credits**

Practice in writing longer articles suitable for both newspaper and magazine publishing.

Prerequisite: ENG 103 or two writing-intensive courses; cross-listed with COM 325

341 Imaginative Writing **3–6 credits**

Practice and development of writing skills in poetry, fiction, and drama. The course will be conducted as a workshop.

Prerequisite: ENG 103 or two writing intensive courses

343 Writing for Media **3 credits**

Basic communication technique with an emphasis on news values, reporting and writing.

Prerequisite: ENG 103 or two writing intensive courses *On demand*

347 Seventeenth Century Literature **3 credits**

Intensive study of one or more selected authors, genres or movements, including such topics as Cavalier and Metaphysical poetry, the Age of Milton, religious poetry and prose, and the epic.

Prerequisites: Literature core

350 Medieval and Renaissance Literature **3 credits**

Intensive study of a number of authors from the late medieval and Renaissance periods in European literature. Topics for each offering will be specified in advance, but may include Renaissance humanism and the imitation of classical literary models, the development of the lyric, medieval and Renaissance traditions of allegory, or the literary expression of dissent in medieval and Renaissance literature.

Prerequisites: Literature core

351 Restoration and Eighteenth Century Literature **3 credits**

Intensive study of one or more selected authors, genres or movements, including such topics as Restoration drama, the Age of Pope, satire, and the beginnings of the novel.

Prerequisites: Literature core

352 Nineteenth Century Literature **3 credits**

Intensive study of one or more selected genres or movements, including such topics as Romanticism, Victorianism, the American Renaissance, or the novel. Course may cover British or American literature, or both.

Prerequisites: Literature core

353 Twentieth Century Literature **3 credits**

Intensive study of selected authors, genres, or movements, including such topics as modern fiction, modern poetry, or the contemporary novel. Course may cover British or American literature, or both.

Prerequisites: Literature core

413 English Cooperative Education **3–2 credits**

Academic study combined with work experience in the community for juniors or seniors.

415 Selected Studies in Literature **3–9 credits**

Intensive study of a specific author, period, genre, literary circle, or topic. Topics vary quite broadly and frequently contain interdisciplinary components; students may also request areas for study.

Prerequisites: Literature core

450 Senior Thesis **3 credits**

Students will write an independently chosen thesis under the careful supervision of a faculty mentor. Students will master all phases of the research process, including the gathering of research from traditional and electronic bibliographical sources, standard systems of bibliographical citation, and organization of a developed and original argument.

Prerequisites: Senior Status *Fall only*

470 Internship **3–6 credits**

Directed experience in selected phases of communications.

Prerequisites: ENG 103, 209 or three writing-intensive Courses

480 Independent Study **1–6 credits**

Special investigation of a selected topic. English majors only.

Prerequisites: Literature core

Fine Arts (FA)

102 Cultural Synthesis in the Ancient World **3 credits**

This course explores ways in which contemporary culture is influenced by the images, architecture, and theater of the ancient world. Cultural artifacts are examined to discover not only their individually distinct style norms and meanings, but also how their styles and meaning change as cultures collide, interact, accommodate and assimilate in the ancient world.

104M Art, Self, and Community in the Modern World **3 credits**

This course will explore the development of modern society from its roots in the 16th-century Renaissance through the lens of artistic expression. Important works from the visual and performing arts will be studied and placed into historical contest in order to understand both their meaning as individual works of art and their expression of societal values and philosophies.

105G The Jazz Age Culture **3 credits**

This course will explore jazz styles and performance practices, examine the various influences contributing to the development of jazz and discover how jazz influenced art music, Broadway and Rock. Considerable attention will be given to drawing relationships between jazz and the mood and culture of the American people in the early 20th Century.

Prerequisite: FA 102 or 104 *Spring only*

106G Identity and Liberation **3 credits**

This course will examine ways in which groups develop their identity through the creation of distinct style norms in their culture, specifically those found in art, music, theater and dance. It will look at art innovation as essentially counter-cultural in each context (for instance: the art of Christians in the context of a Greco-Roman world, the art of women in a culture where only men are considered artists, or the art of Buddhists in a predominately Hindu society).

Prerequisite: FA 102 or 104

107G World Music **3 credits**

This course will explore the music of various non-western cultures in order to develop an understanding of the similarities and differences of musical styles in different civilizations. Studies will include the instruments of the cultures and how each culture utilizes elements of music such as scales, melodic patterns, harmonies, and rhythm.

Prerequisite: FA 102 or 104 *Fall only*

117/ Applied Music **1 credit each**

118 Private half-hour weekly lessons in piano, voice, guitar, string instruments, woodwind instruments. May be repeated for credit.

120 Theatre Production **1 credit**

Participation in a theatrical production in one or more of the following areas: acting, stage management, lighting, set building, house management, stage crew, costumes, make-up and/or publicity. May be repeated for credit.

Cross registration with ENG 120.

210 Photography **3 credits**

This course is designed to develop fundamental skills necessary for students to produce quality black & white photographs. The course focuses on technical aspects of camera use and image development. Specifically, the course focuses on composition, exposure and time settings, use of filters, film type and application, lens types and uses, negative development, printing processes.

Prerequisite: None

480 Independent Study **1-3 credits**

Special investigation of a selected topic.

600 Choral Society **0–1/2 credit**

Non-audition chorus open to students, faculty, staff, and members of the community. May be repeated for credit; up to 3 credit hours can be accumulated toward graduation.

Prerequisite: none

604 Chamber Singers **0 credit**

Selected auditioned chorus drawn from members of the Choral Society.

Prerequisite: membership in Choral Society, audition for director.

Foods and Nutrition (F&N)

241 Fundamentals of Nutrition **3 credits**

A study of the major nutrients including characteristics, functions and metabolism. Inter-relationship of nutrients; effects of inadequate and excessive intake; principles of energy metabolism; study of student's nutritional requirements.

Prerequisite: CHM 104 or permission of instructor.

Foreign Languages

French (FRN)

101 Introductory French **3 credits**

A study of pronunciation, fundamentals of grammar, exercises in speaking, understanding and writing the foreign language. Readings will introduce the student to the foreign culture.

102 Introductory French **3 credits**

Essentials of grammar, exercises in speaking and writing the foreign language. Readings will expand the student's knowledge of the foreign culture.

202 Intermediate French **3 credits**

Review and further study of the fundamentals of the foreign language to increase comprehension, speaking and writing skills. Readings will increase knowledge and understanding of the foreign culture.

301 Advanced Grammar and Readings **3 credits**

An in-depth study of the more complex problems of grammar to develop precision and good style in writing and speaking.

Spanish (SPN)

101 Introductory Spanish **3 credits**

A study of pronunciation, fundamentals of grammar, exercises in speaking, understanding and writing the foreign language. Readings will introduce the student to the foreign culture.

102 Introductory Spanish **3 credits**

Essentials of grammar, exercises in speaking and writing the foreign language. Readings will expand the student's knowledge of the foreign culture.

201 Intermediate Spanish **3 credits**

Review and further study of the fundamentals of the foreign language to increase comprehension, speaking and writing skills. Readings will increase knowledge and understanding of the foreign culture.

202 Intermediate Spanish **3 credits**

Review and further study of the fundamentals of the foreign language to increase comprehension, speaking and writing skills. Readings will increase knowledge and understanding of the foreign culture.

301 Advanced Grammar and Readings **3 credits**

An in-depth study of the more complex problems of grammar to develop precision and good style in writing and speaking.

Geography (GEO)

201 Earth Science **3 credits**

A study of earth's physical environment. Astronomy, weather and climate, oceans, rocks, minerals and landforms are explored individually and in relation to one another.

Fall only

202 Cultural World Geography **3 credits**

A survey of the earth's people and their relationships to the total environment. Europe, Africa, the Middle East, Australia, Asia, the area comprising the former Soviet Union, Latin America, the United States and Canada will be studied regionally.

Spring only

413 Geography Cooperative Education **3–12 credits**

Academic study combined with work experience in the community.

480 Independent Study **1–3 credits**

Special investigation of a selected topic.

Gerontology (GER)

241 Introduction to Social Gerontology **3 credits**

Introduction to the study of aging as just one of many normal life processes in contemporary culture. Issues discussed include the biological, psychological and sociological aspects of aging and the implications of those aspects. GER 241 is a prerequisite for all other gerontology courses.

358 Counseling the Older Adult **1-3 credits**

The effective use of individual and group counseling techniques for older persons with emotional or social difficulties in adjusting to the aging process.

Alternate years

375 Aging Policies and Programs **3 credits**

The historical development and current implementation of social policies for the aging. Discussion of policies affecting income, health care, social services, and volunteerism.

Fall only

392/ Seminar **3 credits each**

393 In-depth study of a special topic or area of interest. Small group discussion format for advanced students. *On demand*

410 Adult Protective Services **1–3 credits**

Examination of the needs and potentialities of the most vulnerable and frail of the nation's elderly population. Study of the philosophy and delivery of protective services for the elderly. *On demand*

413 Gerontology Cooperative Education **3–12 credits**

Academic study combined with work experience in the community.

On demand

470 Practicum **3 credits**

Work experience in a selected agency which provides services to the aged. Practicum supervised by an agency representative; education directed by faculty. Direct service to clients. *On demand*

480 Independent Study **1–3 credits**

Special investigation of a selected topic. *On demand*

Health Professions (HP)

100 Introduction to Health Professions **2 credits**

This course presents an overview of major health professions along with current issues and concerns prevalent in health care. Students will be given the opportunity to network with peers, faculty, and library staff. Classes are two hours per week and students are expected to spend an additional two hours per week reading assigned materials and collaborating with classmates and others of alternate disciplines. This collaboration will include researching and preparing a required paper on an approved topic.

History (HIS)

101 History of Western Civilization I **3 credits**

This course is a study of the main currents in Western cultural, political, and intellectual history from the classical period to the Napoleonic era. Emphases will be on the development of culture and the intellect of the classical period and how Western society has transformed and strengthened them. The course will include discussions of texts from a critical point of view along with written assignments.

102 History of Western Civilization II **3 credits each**

This course is a study of the main currents in Western cultural, political, and intellectual history from the Napoleonic era to the present. Emphases will be on the themes which

influenced and shaped the modern western world. The course will include discussions of texts from a critical point of view along with written assignments.

103 United States History to 1865 **3 credits each**

A survey of significant political, economic, social, and intellectual themes in the development of the United States from Colonial times until 1865.

104g/m United States History since 1865 **3 credits each**

The very nature of American society is built upon a base of combined cultures and groups. This course is a study of how that multicultural framework is embedded in the narrative of American history since the Cival War. Emphases will be on the participation, problems, and contributions of women, Native Americans, African Americans, immigrants, labor, and other minority groups understood within the context of the historical narratives. This course includes analytical writing and discussion of readings.

201 History of Nineteenth Century Revolutions **3 credits**

Detailed study of the political, social and intellectual events which culminated in the revolutions of 1789, 1830 and 1848. Emphasis on the industrial and economic conditions which led to late nineteenth century radical movements.

Prerequisite: 2 semesters of History Survey. *On demand*

204 Survey of Latin America - Modern **3 credits**

History 204 continues the survey of Latin American civilization from 1810, the era of Independence, to the contemporary period. Part I takes up the history of nineteenth-century Latin America, first analyzing the challenges of Independence, and then describing the impact of economic modernization from 1870. Part II examines the Twentieth Century—the era of Latin American Revolutions. HIS 203 recommended.

Prerequisite: 2 semesters of History Survey. *Alternate years*

207 History of Russia **3 credits**

Study of the great Kievan empire, the Mongol yoke, the rise of Muscovite Tsars, the expansion of absolutism and empire and social revolution.

Prerequisite: 2 semesters of History Survey. *Alternate years*

208 History of Soviet Union **3 credits**

The development of the Soviet Union from its revolutionary beginnings in 1917 through social upheaval, the terror of the purges, the tragedy and triumph of World War Two, and the dismantling of the Soviet System.

Prerequisite: 2 semesters of History Survey. *Alternate years*

210 History of England **3 credits**

A detailed study of the Tudor-Stuart period. Emphasis is on the reigns of Henry VIII and Elizabeth I. The course culminates with the crisis between crown and parliament under the Stuart kings.

Prerequisite: 2 semesters of History Survey. *Alternate years*

211 History of Britain **3 credits**

The development of British history from 1689 to the present. This course stresses the development of parliamentary government, the growth of the empire, and the emergence of Great Britain as a leading world power.

Prerequisite: 2 semesters of History Survey. *Alternate years*

213 Modern French History **3 credits**

This course surveys the events of the French Revolution, Napoleonic Era, Restoration Period, July Monarchy, Second Republic, Second Empire and Third Republic. It will conclude by examining France during and since World War II. In addition to the country's stormy political history, social and cultural changes will also be analyzed.

Prerequisite: 2 semesters History Survey. *Alternate years*

320 Selected Studies in History **3 credits**

A lecture and discussion approach to the study of special themes in history. On request students may take this course more than once if the theme they are studying differs.

Prerequisite: 2 semesters of History Survey. *On demand*

321 Nazi Germany **3 credits**

An in-depth study of totalitarianism focusing primarily in Germany from 1920-1945. Emphasis on the career of Adolph Hitler, the SS, the Nazi state, the destruction of European Jewry, and World War Two. Secondary emphasis on the phenomena of racism and nationalism.

Prerequisite: 2 semesters of History Survey. *Alternate years*

405 History Seminar **3 credits**

A reading and discussion seminar focusing on one of the following topics: Recent American Domestic History; European Intellectual History; the English Revolution, or the Mexican Revolution.

Prerequisite: 2 semesters of History Survey.

407 European Cultural Movements **3 credits**

The course will introduce the student to the major artistic and literary movements of late nineteenth and early twentieth century continental Europe. The student will develop an understanding of the historical and aesthetic significance of such avant-garde movements.

Prerequisite: 2 semesters of History Survey. *Alternate years*

407 Europe Since 1945 **3 credits**

This course will describe and analyze the economic, social, political and cultural developments that have taken place in Europe since 1945. Major topics that will be studied include rebuilding Europe physically and psychologically after World War II, the advent of the Cold War, the events of 1968, and recent problems, such as reactions to immigration.

Prerequisite: 2 semesters of History Survey. *Alternate years*

410 Seminar on Global Issues **3 credits**

A reading and discussion seminar focusing on different political, social, and economic issues which affect the late twentieth-century world. This course will explore current issues in an historical perspective.

413 History Cooperative Education **3–12 credits**

Academic study combined with work experience in the community.

Prerequisite: Permission of director *On demand*

450 History Internship **3 credits**

Directed field experience in archival and/or museum projects for junior and senior students at the Wyoming Historical and Geological Society. Students supervised by the professional staff of the Society in cooperation with history faculty. Permission of the instructor required.

Prerequisite: Permission of Director. *On demand*

480 Independent Study **1–3 credits**

Special investigation of a selected topic. *On demand*

491 Junior Research Seminar **3 credits**

An introduction to historical methods and research. Students select a topic for a bachelor thesis and are guided in their research and writing. Offered annually. Required of junior history majors.

Prerequisites: 2 semesters of History Survey.

Management Information Systems (MIS)

101 Programming: C **3 credits**

Problem solving methods; algorithm development; procedural and data abstraction; program design, C programming. Intended for students who plan to continue with other Computer Science courses. *Fall only*

121 Programming: C++ **3 credits**

Control structures, top-down programming and stepwise refinement. Debugging, testing and documentation. Lecture: 2 hours Laboratory: 2 hours. *Spring only*

200 Systems Analysis, Design and Implementation **3 credits**

A study of systems analysis from the standpoint of the life cycle phases of information systems. Emphasis is on the development of information systems, information requirements analysis, the system design phase, the implementation phase and system administration.

Alternate years

231 Introduction to File Processing **4 credits**

File terminology, structure and manipulation techniques. Sequential and random access bulk storage devices. Applications of data structures and file processing techniques. Introduction to COBOL. Lecture: 3 hours. Laboratory: 2 hours. Same as CPS 231.

Prerequisite: MIS 121. *Alternate years*

420 Teleprocessing **3 credits**

An introduction to teleprocessing and communication networks with emphasis on exchange of data between systems.

Alternate years

425 EDP Audit and Control **3 credits**

An introduction to the fundamentals of EDP auditing. Emphasis is on understanding EDP controls, the types of EDP audits and concepts and techniques used in EDP audits.

Alternate years

430 Management Information Systems **3 credits**

An interdisciplinary study which views information as an economic resource. The course focuses on computer-based information systems that support the operations, management and decision functions of an organization and explores the basic technical, behavioral, economic and organizational concepts relevant to information, decision making and systems.

Topics include the methodology and practice of developing a computerized information system; the organization, management and control of the information system and the social impact of information technologies.

Same as BUS 430.

Prerequisite: BUS 100, BUS 208. *Fall and Spring*

432 Data Base Management Systems Design **3 credits**

Introduction to database concepts, data models, data description languages, query facilities, file and index organization. Data integrity, reliability and security. Students work with real database management systems.

Alternate years

491 Information Technology Management **3 credits**

An examination of the relevant management issues in information technology and their impact on a firm's competitiveness. Case study method is used. Senior status only.

Alternate years

310 Managerial Applications of Object-Oriented Programming I **3 credits**

This course provides a study of the object-oriented programming language as it pertains to managerial applications. In addition, the course will introduce the use of object-oriented programming methodologies

Fall only

311 Managerial Applications of Object-Oriented Programming II **3 credits**

This course expands object-oriented skills taught in Managerial Applications of Object-Oriented Programming I. The emphasis in this course is on object-oriented development tools and development in a client-server environment.

Prerequisite: MIS 310 *Spring only*

Mathematics(MTH)

115 Basic Statistics I **3 credits**

An introduction to the use of statistical methods with emphasis on practical applications. Descriptive statistics, frequency distributions, estimation of parameters, introduction to hypothesis testing, correlations, linear regression and the use of computers in statistics.

120 Mathematical Reasoning **3 credits**

Development of quantitative problem solving. Methods of problem solving. Reading, determining, and solving problems using basic arithmetic, algebra, and geometry. Common mathematical models of everyday phenomena. Enrollment based on results of placement examination.

151 Analytic Geometry and Calculus I **3 credits**

Basic concepts, limits, derivatives and applications, the conics, the integral.

152 Analytic Geometry and Calculus II **3 credits**

Transcendental functions, techniques of integration, polar coordinates, vectors in R2 and R3, differential equations.

Prerequisite: MTH 151. *Spring only*

160 Discrete Mathematics **3 credits**

Number systems, propositional calculus, sets and tuples, functions, combinatorics, matrices and determinants, mathematical induction, graphs.

200 Historical Perspective of Mathematics **3 credits**

The place of mathematics in human enterprise and the central role it has played in the development of civilization. Topics chosen from among: the history of mathematics, contributions by various cultures, geometry, calculus, number theory, modern logic and unsolved problems.

Prerequisite: MTH 152. *Fall only*

215 Statistics for Mathematicians **3 credits**

Probability theory, games of chance, probability distributions, testing of hypotheses, curve fitting and correlation.

Prerequisite: MTH 152. *Spring only*

225 Analytic Geometry and Calculus III **4 credits**

Spherical and cylindrical coordinates, partial derivatives, multiple and line integrals, sequences and series.

Prerequisite: MTH 152. *Fall only*

241 Linear Algebra **3 credits**

Systems of linear equations, vector space, inner products, determinants, eigenvalues and eigenvectors, applications.

Prerequisite: MTH 152. *Spring only*

242 Differential Equations **3 credits**

Equations of first order and degree, higher order and degree equations, including linear with constant coefficients, systems of equations.

Prerequisite: MTH 225. *Spring only*

244 Set Theory and Logic **3 credits**

Introduction to set theory, equivalence and order, Boolean algebra, introduction to logic, rules of inference. *Fall only*

341 Principles of Analysis I **3 credits**

Real number system, topology, sequences and series, continuity and differentiability.

Prerequisite: MTH 225, MTH 241 *Fall only*

342 Principles of Analysis II **3 credits**

Riemann-Stieltjes integral, functions of several variables, introduction to complex and analysis, Lebesgue theory.

Prerequisite: MTH 341 *Spring only*

351 Geometry **3 credits**

History of geometry, axiom systems, types of geometries, axiomatic development of a geometric theory.

Spring only

363 Abstract Algebra I **3 credits**

Introduction to abstract algebra, groups, introduction to rings and fields.

Prerequisite: MTH 160, MTH 225. *Fall only*

364 Abstract Algebra II **3 credits**

Rings, integral domains, fields, polynomials.

Prerequisite: MTH 363. *Spring only*

413 Math Cooperative Education **3–6 credits**

Academic study combined with work experience in the community.

480 Independent Study **1–3 credits**

Special investigation of a selected topic.

On demand

486 Special Topics in Mathematics **1–3 credits**

Topics vary from semester to semester and will be announced with preregistration information.

490 Mathematics Seminar **3 credits**

Prerequisite: Permission of department *On demand*

Medical Imaging (MI)

101 Introduction to Medical Imaging **1 credit**

This introduction to the Medical Imaging profession includes the historical development as well as specialties within the fields, organizational structure of hospital departments and opportunities for professional growth. The profession is examined in order to assist the student in making a commitment to pursue this field. Lecture: 1 hour

Spring only

106 Medical Terminology **1 credit**

Anatomical names of bones and organs of the body and other descriptive terms and their common abbreviations; prefixes and suffixes, proper usage, spelling and interpretation of terms. Lecture: 1 hour.

Fall only

112 Methods of Patient Care **2 credits**

Communication, asepsis, body mechanics, vital signs, emergencies, drug administration and isolation technique. Lecture: 2 hours.

Fall only

113/ Radiographic Procedures I **4 Credits**

713 Lab This course is designed to develop preclinical competency in specific diagnostic procedures through a combination of lecture and laboratory. It is an introduction to basic theory and principles of radiographic procedures of the upper and lower limbs, bony thorax, chest, abdomen, gastrointestinal system, biliary tract, and urinary system.

Fall only

114/ Radiographic Procedures II **4 credits**

714 Lab This course is designed to develop preclinical competency in specific diagnostic procedures through a combination of lecture and laboratory. It is a continuation of Radiographic Procedures I, emphasizing theory and principles of radiographic examinations of the vertebral column and cranium.

Prerequisite: MI 113 *Spring only*

125/ Principles of Radiographic Exposure and Film Processing I **3 credits**

725 Lab Elements of x-ray production. Emphasis on factors affecting production of an acceptable diagnostic radiograph: contrast, density, recorded detail, visibility of detail. Lecture: 2 hours. Laboratory: 2 hours. *Spring only*

126/ Principles of Radiographic Exposure and Lab Film Processing II **2 credits**

726 Lab Continuation of MI 125. Further study of theories and factors affecting production of a quality radiograph inclusive of processing. Lecture: 2 hours. Laboratory: 1 hour

Prerequisite: MI 125. *Fall only*

140 Clinical Experience I **2 credits**

Orientation to the clinical setting, equipment familiarization, application of theoretical principles through examination of patients under direct supervision. Film critique. 16 hours per week.

Prerequisites: MI 106, MI 113, MI 112; CPR certification, annual health examination, immunizations, current liability insurance, and verification of observation.

Spring only

155 Clinical Experience II **3 credits**

Continuation of MI 140. Experience in perfecting the application of ionizing radiation under supervision. 40 hours per week.

Prerequisite: MI 140, CPR certification, annual health examination, immunizations, and current liability insurance. *Summer Term B (July-August)*

206/ Diagnostic Assessment **2 credits**

706 Lab Through a combination of lecture and lab, this course is designed to provide student education and development of skills in patient assessment. Advanced patient care topics such as venipuncture and contrast media administration, performance and analysis of EKG, history taking, and pharmacology are covered.

Prerequisite: MI 112 or permission of instructor *Fall: traditional; Spring: accelerated*

214 Radiation Biology and Protection **2 credits**

A study of the effects of ionizing radiation on living matter; changes in the biochemistry, micro and macro-morphology, genetics and embryology which are produced by ionizing radiation in order to fully understand topics such as patient protection, personnel protection, maximum permissible dose, exposure monitoring.

Prerequisite: MI 155. *Fall only*

220/ Radiographic Physics and Equipment **2 credit**

721 Lab This course will explore the fundamentals of x-ray properties, production of ionizing radiation and its interactions, x-ray circuitry, and equipment through a combination of lecture and laboratory

Prerequisite: PHY 107/108 or permission of instructor *Spring only*

221 Special Radiographic Procedures **2 credits**

This course deals with special radiographic procedures. Topics covered will be procedures done in the general radiography department including, but not limited to, mammograms, arthrograms and myelograms. Angiographic and interventional radiography as well as related equipment will be covered. Lecture: 2 hours.

Prerequisite: BIO 211/212, MI 113/114. *Fall only*

225 Clinical Experience III **2 credits**

Continuation of MI 155, including special procedures operating room and bedside radiography. 16 hours per week.

Prerequisite: MI 155, CPR certification, annual health examination, immunizations, and current liability insurance. *Fall only*

245 Clinical Experience IV **3 credits**

Continuation of MI 225. Practical application of theory and skills acquired in all phases of the curriculum. 24 hours per week.

Prerequisites: MI 225, CPR certification, annual health examination, immunizations, and current liability insurance. *Spring only*

248 Radiographic Pathology/Film Critique I **1 credit**

Pathology is a study of the disease process as well as conditions of illness and their effects on the human body. Film critique is a process by which the student will adequately identify all properties of a radiograph that render it diagnostically acceptable.

Corequisite: MI 113 *Fall only*

249 Radiographic Pathology/Film Critique II **1 credit**

This course is a continuation of MI 248. Radiographic Pathology will focus on more diseases specific to the osseous system and respiratory systems. Topics such as the proper use of exposure factors, and the positioning techniques that will allow the student to determine the difference between a diagnostically acceptable and unacceptable radiograph.

Prerequisite: MI 248 *Spring only*

250 Pathology/Film Critique III **1 credit**

This course is a continuation of MI 249, Radiographic Pathology/Film Critique II. Radiographic Pathology/Film Critique III will focus on diseases specific to the alimentary tract, gall bladder, and genitourinary system. Topics such as the proper use of exposure factors, and positioning techniques that will allow the student to determine the difference between a diagnostically acceptable and unacceptable radiograph.

Prerequisite: MI 249 *Fall only*

255 Clinical Experience V **3 credits**

Continuation of MI 245. 40 hours per week.

Prerequisite: MI 245. CPR certification, annual health examination, immunizations, and current liability insurance. *Summer Term A (May-July)*

265 Clinical Experience VI **2 credits**

Final phase of the clinical component. Advanced practical application of theory and skills in specialty areas. 16 hours per week. Optional minor rotations or internship in specialty areas begin.

Prerequisites: MI 255; CPR certification, annual health examination, immunizations and current liability insurance. *Fall only*

275 Clinical Experience VII **2 credits**

Continuation of MI 265. 16 hours per week. Optional minor rotations or internship in specialty areas.

Prerequisite: MI 265; CPR certification, annual health examination, immunizations and current liability insurance. *Spring only*

290 Introduction to Cross-Sectional Anatomy for Radiographers **2 credits**

A general overview of cross-sectional anatomy as it applies to Radiology. Emphasis on identifying anatomical structures as they relate to Cat Scan (CT) and Magnetic Resonance Imaging (MRI). Lecture: 2 hours

Prerequisites: MI 221, BIO 211/212 or college level anatomy course. *Spring only*

300 Cardiovascular Interventional Radiography **2 credits**

Advanced level course for registry eligible or registered Radiographers. Focus of the course is cardiac catheterization, angiography, and interventional procedures. This course will also provide instruction in the patient care and procedural techniques necessary to understand this highly complex area of imaging. Lecture: 2 hours.

Prerequisite: Registered or registry-eligible radiographers *Fall only*

305 Advanced Medical Imaging **2 credits**

Students will explore topics of advanced diagnostic imaging and therapeutic technologies. The focus includes specialized modalities such as Computer Fundamentals & Applications, Computed Radiography (Digital Imaging), Pediatric Imaging, Trauma Imaging, Mammography, Computerized Tomography (CT), Magnetic Resonance Imaging (MRI), Nuclear Imaging, Positron Emission Tomography (PET), Bone Densitometry, Ultrasound and Radiation Oncology. The modalities will be presented in terms of history, indications, and procedures performed.

Prerequisites: Two (2) semesters of college-level anatomy or professional certificate in a health science field. *Spring only*

400 Issues in Medical Imaging **1 credit**

This course will involve discussion of current issues relevant to medical imaging and their impact upon the profession. Topics include, but are not limited to: mandatory vs. voluntary continuing education, licensure, multiskilling, regional vs. programmatic accreditation, and charting and documentation.

Prerequisite: Senior level status or permission of instructor. *Fall (first seven weeks) only*

413 Radiography Cooperative Education **3–12 credits**

Academic study combined with work experience in the community. To be arranged.

415 Senior Seminar **0 credit**

This course assists students in preparation for the ARRT examination taken upon graduation.

Prerequisite: MI 255 or permission of instructor *Fall (last seven weeks) only*

450 Quality Management in Medical Imaging Sciences **2 credits**

750 Lab Through lecture and lab, this course focuses on quality management and its associated topics of quality assurance and quality control as they relate to the field of Medical Imaging. Particular emphasis is on quality control which is the part of the overall program that deals with instrumentation and equipment. Methods used to test, evaluate and ensure radiographic quality will be covered.

Prerequisite: MI 250 *Spring only*

480 Special Topics: Introduction to Magnetic Resonance Imaging **2 credits**

This course offers an introduction of MRI inclusive of topics such as basic principles of magnetic resonance physics, safety procedures, techniques for improving image quality, and a review of pathology on magnetic resonance scans.

Prerequisite: Registered or registry eligible radiographer or permission of instructor

480 Special Topics: Computed Tomography: Physical Principles **2 credits**

This course will focus on the physical principles of Computed Tomography (CT). Topics include historical perspectives, computers and digital image processing, basic physics and mathematics of CT and CT instrumentation.

Prerequisite: Registered or registry eligible radiographer or permission of instructor.

480 Special Topics: Computed Tomography: Procedures and Pathology **2 credits**

This course will focus on imaging procedures and pathologic conditions studied by Computed Tomography (CT). Topics include scanning protocols, patient preparation and positioning, technique factors, and slice thickness. Abnormalities of the head, neck, chest, and abdomen will be studied.

Prerequisite: MI 290 or permission of instructor

Medical Technology (MED)

100 Introduction to Medical Technology **1 credit**

A familiarization with theory and laboratory practices in the field of medical technology. Laboratory and classroom experiences. *Spring only*

400 Clinical Microbiology **8 credits**

Identification and clinical pathology of bacteria, fungi, viruses and parasites. Techniques to isolate, stain, and culture, and to determine antimicrobial susceptibility. Instrumentation; quality control. *Fall only*

401 Clinical Chemistry **7 credits**

Enzymology, endocrinology, biochemistry of lipids, carbohydrates and proteins, metabolism of nitrogenous end products, physiology and metabolism of fluids and electrolytes and toxicology as related to the body and diseases. The technical procedures include colorimetry, spectrophometry electrophoresis, chromatography, automation and quality control. *Fall only*

402 Clinical Hematology/Coagulation **5 credits**

The composition and function of blood; diseases related to blood disorders; the role of platelets and coagulation. Manual and automated techniques of diagnostic tests for abnormalities. *Spring only*

403 Clinical Immunohematology **4 credits**

Blood antigens, antibodies, crossmatching, hemolytic diseases, and related diagnostic tests. An in-depth study of blood donor service and its many facets such as transfusions, medico-legal aspects, etc. *Spring only*

404 Clinical Immunology/Serology **4 credits**

Immune response, immunoglobulins, autoimmunity and complement and related tests and diseases. Survey and demonstration of serological diagnostic tests. *Spring only*

405 Clinical Seminar **2 credits**

Other courses which are not included in the above (such as orientation, laboratory management, education, clinical microscopy) and are unique to the individual hospital program. *Spring only*

480 Independent Study **1-3 credits**

Special investigation of a selected topic.

Nursing (NSG)

210 Conceptual Base of Nursing Practice **2 credits**

The emphasis in this course is on assisting the student to develop a theoretical base for nursing practice. Students are introduced to nursing process and the metaparadigm. An overview of selected models/theories will be presented as a way to view nursing practice.

Prerequisites: Successful completion of all Nursing prerequisites. *Fall or Spring*

350 Intermediate Nursing Concepts Over the Lifespan I **3 credits**

This course introduces concepts that establish a framework for wellness promotion within microsystems (individuals and families) across the lifespan. Research relevant to health promotion will be introduced.

Prerequisites: BIO 211, BIO 212, BIO 227, PSY 275, HP 100, F&N 241, NSG 210. All coursework required through freshman and sophomore year.
Corequisites: NSG 355, NSG 361 and NSG 365. *Fall only*

351 Intermediate Nursing Concepts Over the Lifespan II **3 credits**

The concept of wellness is explored as it relates to individuals and families. Stress is examined as it impacts on the wellness of persons experiencing alterations in comfort, mobility, acid-base, fluid & electrolyte, gas exchange and transport. Personal, theoretical and empirical knowledge from the sciences, humanities and nursing are utilized as a frame of reference for understanding the maintenance of wellness.

Corequisites: NSG 356, NSG 362 and NSG 366. *Spring only*

355 Applications of Intermediate Concepts Over the Lifespan I **3 credits**

This course will apply the nursing process and selected nursing theorists to wellness concepts of microsystems (individuals and families) throughout the lifespan.

Corequisites: NSG 350, NSG 361 and NSG 365. *Fall only*

356 Application of Intermediate Nursing Concepts Across the Lifespan II **3 credits**

Selected nursing theorists are utilized to develop a framework of nursing care for clients and families experiencing a temporary loss in their level of wellness due to an alteration in comfort, stress, mobility, fluid & electrolyte balance, acid-base balance, transport and gas exchange. Health teaching, legal-ethical issues and research are discussed as they impact on individual/family wellness throughout the lifespan.

Corequisites: NSG 351, NSG 362 and NSG 366. *Spring only*

361 Clinical Application of Nursing Concepts Across the Lifespan I **3 credits**

The focus of nursing care is explored through clinical application of nursing process and nursing theories to clinical situations within microsystems (individual and families) across the lifespan. The student will focus on promotion of wellness.

Corequisites: NSG 350, NSG 355 and NSG 365. *Fall only*

362 Clinical Application of Intermediate Nursing Concepts Across the Lifespan II **4 credits**

The focus of nursing care is explored through clinical application of nursing process and nursing theories to clinical situations with clients/families experiencing a temporary loss of wellness. The student is exposed to clinical situations of acute care and community health with clients across the lifespan.

Semester junior year.

Corequisites: NSG 351, NSG 356 and NSG 366. *Spring only*

365 Intermediate Clinical Nursing Concepts, Strategies and Skills I **1 credit**

This course develops and refines competencies in cognitive, affective, and psychomotor skills for application in clinical settings across the lifespan. Scientific and humanistic concepts are integrated with simulation of clinical skills.

Corequisites: NSG 350, NSG 355 and NSG 361. *Fall only*

366 Intermediate Clinical Nursing Concepts, Strategies and Skills II **1 credit**

Develops intermediate competencies in cognitive, affective, and therapeutic communication skills for application in a clinical setting. Scientific and humanistic concepts are integrated with simulation of clinical skills for microsystems (individuals and families) experiencing a temporary loss of wellness across the lifespan.

Corequisites: NSG 351, NSG 356 and NSG 362. *Spring only*

385 Pharmacotherapeutics **3 credits**

Provides traditional and registered nurse students with a micro and macro understanding of the implications of pharmacokinetics/dynamics, medication usage and administration to the client across the lifespan. The client will include the individual client, the

individual's family, and the community. This course will explore medication consumption and administration using the Neuman's Systems Model as a guide. The nursing process will be utilized to guide the practice of therapeutic medication administration and client education.

Prerequisites: Successful completion of all nursing prerequisites.

396 Baccalaureate Nursing Concepts I **5 credits**

This course focuses on developing a theoretical basis of nursing practice and advancing the registered nurse's cognitive, affective and psychomotor skills. In addition, nurses will be required to demonstrate competence in application of concepts foundational to the nursing department's organizational framework including: nursing process, wellness, health promotion across the lifespan, and micro/macrosystems.

Prerequisites: Registered nurse status, completion of majority of core and all prerequisite course work. *Spring only*

410 Introduction to Nursing Research **3 credits**

This introductory course is designed to provide nursing students with an overview of the quantitative and qualitative research processes and to provide opportunities for cultivation of critical inquiry. Students will become consumers of research by evaluating published reports and identifying implications for nursing practice.

Prerequisites: Statistics; Nursing 210, Nursing 351 or RN status *Fall only*

450 Advanced Nursing Concepts Over the Lifespan I **3 credits**

The focus of this course is on concepts relating to the group aspect of macro- systems. Restoration of wellness across the lifespan is addressed with emphasis on cell proliferation, neurological/neurobiological and endocrine deviations and behavioral adjustment. Group leadership and evaluation of selected research is emphasized.

Prerequisites: NSG 351, NSG 356, NSG 362 and NSG 366; Corequisites: NSG 455 and NSG 461. *Fall only*

451 Advanced Nursing Concepts Over the Lifespan II **3 credits**

The focus of this course is on concepts relating to macrosystems (groups and communities). Synthesis of wellness, multisystem problems and health care across the lifespan, as well as application of research and leadership/ management will be addressed.

Prerequisites: NSG 450, NSG 455 and NSG 461; Corequisites: NSG 456 and NSG 462. *Spring only*

455 Advanced Nursing Application Over the Lifespan I **3 credits**

The nursing care of macrosystems (groups) in need of restoration of wellness across the lifespan will be addressed. Selected nursing theories will be used. Health teaching, legal/ethical issues and evaluation of research findings will be emphasized within the framework of the nursing process.

Corequisites: NSG 450, and NSG 461. *Fall only*

456 Advanced Nursing Application Over the Lifespan II **3 credits**

The focus of this course is the application and synthesis in the community and intense crises areas using selected nursing theorists. Health teaching, legal/ethical issues, leadership/ management and application of research will be emphasized within the framework of the nursing process.

Prerequisites: All coursework through first semester senior year; Corequisites: NSG 451 and NSG 462. *Spring only*

457 Baccalaureate Concepts II **4 credits**

This course focuses on macro systems concepts and their application to complex health care situations. Community health provides the framework for the integration of nursing process and macro systems concepts. Leadership and case management are emphasized.

Prerequisite: NSG 396 (RN's Only) *Fall only*

461 Clinical Application of Advanced Nursing Concepts Over the Lifespan I **4 credits**

Clinical application of the concepts of selected nursing theorists are emphasized within the context of the nursing process. Nursing care is provided to groups in need of restoration of wellness in such settings as chronic and long-term care. Therapeutic communication skills, teaching/learning, legal/ethical issues and group processes will be emphasized.

Corequisites: NSG 450 and NSG 455. *Fall only*

462 Clinical Application of Advanced Nursing Concepts Over the Lifespan II **4 credits**

Clinical application of concepts of selected nursing theorists will be addressed. Nursing care experience is provided within the framework of the nursing process to individuals/families and groups in the community to enable synthesis of previous learning experiences.

Corequisites: NSG 451 and NSG 456. *Spring only*

466 Advanced Clinical Nursing Concepts, Strategies and Skills **1 credit**

This course further develops and refines advanced competencies in cognitive, affective and psychomotor skills for application in a clinical setting. Scientific and humanistic concepts are integrated with simulation of clinical skills. *Fall only*

475 Issues in Nursing **2 credits**

The focus of this course is to facilitate the student into the professional nursing role. The historical, current and futuristic aspects of nursing will be examined, along with behavioral, socioeconomic, environmental, legal, ethical and political issues. Emphasis is placed on debate in order to promote active discourse and critical thinking.

Spring only

480 Special Topics in Nursing **1–3 credits**

This course provides students the opportunity to pursue the investigation of selected topics. Topics may vary from semester to semester and will be announced with preregistration information.

Occupational Therapy (OT)

103 Introduction to Professional Behaviors in Occupational Therapy **2 credits**

An overview of occupational therapy roles and functions in practice is presented with an emphasis on the professional behaviors, ethics and values of the occupational therapy profession.

Prerequisite: OT Major *Fall and Spring; WEC: Fall*

205 Occupational Theory and Performance I **3 credits**

An exploration of the biologic, psychologic, social and cultural elements of occupational behavior are discussed. The relationship of occupation to the evolution of an individual sense of competence and autonomy, social efficacy and motivation, social role learning, and development of adaptational styles are explored. Through a series of laboratory and community experiential activities, students will enhance their personal activity repertoire as well as learn the process for activity analysis.

Prerequisite: OT 103 *Fall only*

220 Dimensions of Human Performance I **2 credits**

Students engage in an in-depth study of human development across the life span including the biophysical, cognitive, affective, cultural and social domains and the impact of such development on human performance. Emphasis will be on prenatal through adolescence.

Prerequisite: PSY 123, SOC 101 *Fall only*

221 Dimensions of Human Performance II **2 credits**

An in-depth study of human development across the lifespan including the biophysical, cognitive, affective, cultural and social domains and the impact of such development on human performance. Emphasis will be on young adult through the aged.

Prerequisite: OT 220 *Spring only*

275 Occupational Theory and Performance II **3 credits**

Through a variety of experiences in purposeful activity, students will explore the dimensions and characteristics of human occupation. This will include the real and symbolic aspects of the activity and its contribution to the development of a personally appropriate lifestyle. This course extends the concepts explored in OT 205 to include the extrapersonal dimension of activity. Through a series of classroom and community based experiential activities, students expand their personal activity repertoire, their activity leadership skills, and their understanding of activity analysis.

Prerequisites: OT 205 *Spring only*

308/ Applied Functional Anatomy and Neuroscience **10 Credits**

310 Through exploration of case studies, the student learns normal and pathological anatomy and neurology, and how it relates to human function and dysfunction. Students will participate in guided exploration of the neurological and musculoskeletal systems, evaluating representative case models. In the laboratory component, students will learn various evaluation techniques that can be used to identify and evaluate dysfunction of neurologic systems, bones, or muscles.

Prerequisite: Bio 211, Bio 212, OT 220, OT 221, PHY 107, PHY 108; Corequisite: OT 710 (Laboratory) *Fall and Spring; WEC: Summer and Fall*

330 Conceptual Foundations of Occupational Therapy **3 credits**

Students conduct an in-depth exploration of occupational therapy through the study of its history, philosophy, frames of reference and leaders. Emphasis will be on the application, integration and analysis of current and emerging theories and frames of reference that impact upon the occupational therapy process.

Prerequisites: All 200 level courses *Fall only*

335 Environmental Dimensions of Human Performance **3 credits**

Students explore the physical, organizational, perceptual, psychological and cultural aspects of the non-human environment, including the impact of environment on attitude, behaviors and performance of individuals. The use of the environment to enhance occupational performance, as well as technological advances that assist a person to function with that environment, will be examined.

Prerequisites: SOC 101, OT 330,PHY 107, PHY 108, all 200 level OT courses *Spring only*

422 Occupational Therapy Intervention I **4.5 credits**

Theory, frames of reference, assessment processes, and intervention planning and techniques are explored as they apply to individuals whose occupational performance is affected by various physical, developmental, and psychosocial conditions; this first of three intervention

series presents the occupational therapy process for individuals from birth through adolescence. This course includes a clinically based, Level I fieldwork experience.

Prerequisites: All 100, 200, 300 level OT course; Corequisite: OT 522 and OT 722 (Laboratory) *Spring only*

423 Occupational Therapy Intervention II **4.5 credits**

Theory, frames of reference, assessment processes, and intervention planning and techniques are explored as they apply to individuals whose occupational performance is affected by various developmental, physical and psychosocial conditions; this second of three intervention series presents the occupational therapy process for individuals from adolescence through middle adult. This course includes a clinically based, Level I fieldwork experience.

Prerequisites: All 100, 200, and 300 level OT courses, OT 422, OT 522, OT 722, PSY 430; Corequisite: OT 523 and OT 723 (Laboratory) *Fall only; WEC: Summer*

424 Occupational Therapy Intervention III **4.5 credits**

Theory, frames of reference, assessment processes, and intervention planning and techniques are explored as they apply to individuals whose occupational performance is affected by various physical, developmental and psychological conditions; this third of the three intervention series presents the occupational therapy process for individuals from adulthood through the aged. This course includes a clinically based, Level I fieldwork experience.

Prerequisite: All 100, 200, 300 level OT courses, OT 422, 522, 722, OT 423, 523, 723; Corequisite: OT 524 and OT 724 (Laboratory) *Spring only; WEC: Fall*

Graduate courses are listed below. Their descriptions appear in the Graduate Catalog.

OT 515	Research Design
OT 522	Occupational Therapy Intervention Seminar I
OT 523	Occupational Therapy Intervention Seminar II
OT 524	Occupational Therapy Intervention Seminar III
OT 570	Occupational Therapy Management and Supervision
OT 601	Level II Fieldwork I
OT 602	Level II Fieldwork II
OT 610	Elective: Special Topics in Occupational Therapy Practice
OT 620	Analysis of Occupational Theories and Practice Models
OT 630	Occupational Therapy Issues and Trends
OT 690/695	Research Project I and II

Philosophy (PHL)

101 Contemporary Self-Images **3 credits**

This course examines those pivotal philosophies that have most significantly shaped the evolution of Western culture. Its aim is to critically reflect on the defining ideas of both tradition and the modern world, and to explore the specific challenges modernity poses to traditional thought. This course is a core requirement, and a prerequisite for all other philosophy courses. It is also offered in the Honors Colloquia.

Fall and Spring only

102 Introduction to Ethics **3 credits**

This course investigates the basic issues and problems encountered in the field of ethical theory. These issues include the prescriptive/descriptive distinction, the motivation for morality, virtue vs. Rule-based ethics, deontological vs. consequentialist theories, moral psychology and meta-ethical analysis. As a philosophical reflection upon our moral experience special emphasis is placed upon rational justification for the stances we take in these issues. *Fall and Spring only*

103 Informal Logic **3 credits**

This course is intended to provide students with the skills needed to apply logical principles, techniques of critical thought and argumentation to the analysis of their own words and the word of others. Emphasis will be on assessing the legitimacy of arguments, detecting common fallacies, evaluating evidence and improving skills in reasoning.

Fall only

111 Makers of the Modern Mind * (Honors) **3 credits**

This course examines the pivotal philosophies from Descartes to Heidegger that have most significantly shaped the evolution of modern Western culture. Its aim is to critically reflect on the defining ideas for both tradition and modernity so that students may explore the meanings of modernity.

Prerequisite: Reserved for Honors Students *Spring*

210 Philosophy of Person **3 credits**

A dominantly phenomenological approach to analyzing the existential structures that constitute a person. Exploration of the possibilities for personal growth and evaluation of the various social forces that limit these possibilities.

Prerequisite: PHL 101 *Spring*

220 Philosophy and Literature **3 credits**

The exploration of philosophical issues through the medium of literature, as distinct from the argumentative format common to straight forward philosophical discourse. Major emphasis is on tracing the changing conceptions of human nature and individual human action in the context of changing conceptions of nature, the human community, political legitimacy and morality.

Prerequisite: PHL 101 *Spring only*

223 Social Ethics **3 credits**

An examination of the leading ethical theories in normative discourse, and their application to the most urgent social problems that address us. Topics such as poverty, war, animal rights, economic justice, and the morality of sex and reproduction are debated.

Prerequisite: PHL 101 *Fall and Spring only*

257 Philosophy of Religion* **3 credits**

An inquiry into the nature of religion and the objects of thought and feeling associated with religion, such as the nature and existence of God, the nature of religious experience and symbolism, evil, creation, and immortality.

Prerequisite: PHL 101 *Spring*

261 Philosophy of Women **3 credits**

A philosophical examination of the literature and central issues of the women's liberation movement.

Prerequisite: PHL 101 *Fall*

270 Social and Political Philosophy* **3 credits**

An examination of the key issues in the history of Western social and political philosophy. These include the nature and purpose of government, political legitimacy, the relationship between theories of human nature and political systems, and the evolution of rights.

Prerequisite: PHL 101 *Spring*

310 Medical Ethics **3 credits**

This course in applied ethics explores the ethical questions related to modern science and the health professions. Topics such as abortion, human experimentation, genetic engineering, patient-rights, and the delivery of health care are analyzed.

Prerequisite: PHL 101 and any other 100 or 200 level course

320 Ancient Philosophy **3 credits**

A examination of the history of philosophy from the origins of scientific thought in Asia Minor through the synthesis of St. Augustine. Major emphasis is on Plato and Aristotle.

Prerequisite: PHL 101 plus any other 100 or 200 level course *Fall*

330 Early Modern Philosophy **3 credits**

An examination of the history of philosophy from the Renaissance through the early 19th century. Continental Rationalism and British Empiricism are studied in relationship to Kant and his attempt to synthesize the two. Emphasis will be on the shift from an ancient/medieval world view, and how this shift sets the stage for contemporary issues.

Prerequisite: PHL 101 and any other 100 or 200 level course *Spring*

340 19th Century Philosophy **3 credits**

This course investigates the Enlightenment ideal of personhood, particularly as it is expressed in Kant's critical project, and the various nineteenth century reactions to this ideal as formulated in the works of Hegel, Marx, Kierkegaard, Nietzsche, and Dostoevsky.

Prerequisite: PHL 101 and any other 100 or 200 level course *Fall*

410 Philosophy of Law **3 credits**

The focus is on four basic questions: What is the fundamental nature of law? What are the appropriate limits of legal regulations? How should the notion of responsibility be defined in the criminal law? And how and to what extent is punishment justifiable?

Prerequisite: PHL 101 and any other 100 or 200 level course *Spring*

430 20th Century Philosophy **3 credits**

This course examines the following dominant twentieth century philosophical methodologies: pragmatism, phenomenology, logical positivism, linguistic analysis and existentialism.

Prerequisite: PHL 101 and any other 100 or 200 level course *Fall*

440 Economics of Freedom and Justice **3 credits**

A dramatic tour through those history-shaping ideas that are of immediate relevance to a world torn by economic problems and debates about conflicting notions of social justice.

Prerequisite: PHL 101 and any other 100 or 200 level course *Spring*

480 Independent Study **3 credits**

Special investigation of a selected topic. *On demand*

485 Special Topics **3 credits**

Topics may vary from semester to semester and will be announced with preregistration information.

Prerequisite: PHL 101 and any other 100 or 200 level course *On demand*

Physical Education (PHE)

A student may apply a maximum of three credits towards fulfillment of the graduation requirement. Students who have completed or are undertaking a varsity experience at College Misericordia may not enroll in that sport for credit.

For each course, at the conclusion of one week of instruction, students enrolled will be required to choose to work on a track leading to a letter grade or one which leads to a pass/fail grade. Those who select the letter grade track have the final grade averaged into their grade point average. Those who choose the pass/fail track receive a grade which has no effect on the grade point average.

100 Aerobics **1/2 credit**

Instruction and practice provided in aerobic exercise to music. Designed to improve the cardiovascular and musculoskeletal systems of the human body.

110 Badminton **1/2 credit**

Instruction and practice provided in fundamental skills and strategies. Attention is also given to information including selection and care of equipment, etiquette, and rules of play.

112 Basketball (Men/Women) **1/2 credit**

Students are provided with an opportunity to develop and practice basic basketball skills and techniques. Attention is also given to the knowledge of rules, strategies, and terminology of the game.

115 Bowling **1/2 credit**

Students are provided with an opportunity to learn fundamental skills, techniques, and knowledge associated with the sport of bowling. Students are required to provide their own transportation to a local bowling facility. A nominal weekly facility use fee will be assessed.

117 Body Conditioning **1/2 credit**

Students are introduced to lifetime aerobic and anaerobic activities involved with body conditioning. Activities include but are not limited to weight training and machine resistance exercise. Designed to benefit participants of various strength and fitness levels. Instruction provided in fundamental conditioning techniques, safety, purchase and care of fitness equipment, and proper exercise methods.

122 Golf **1/2 credit**

Students are provided with basic instruction in fundamental golf skills. Attention is also given to the rules of play, golf course etiquette, purchase of equipment, as well as tactics involved in medal and match play. Instruction will be provided on campus with students required to assume the cost of one round of play at an area local golf course.

125 Racquetball **1/2 credit**

Introduction to fundamental skills and techniques associated with racquetball. Attention is given to skill development and implementation, conditioning, selection and care of equipment, etiquette, as well as rules and basic strategies of play for singles and doubles.

127 Jogging for Fun and Fitness **1/2 credit**

Instruction is provided in the practice of jogging as a lifetime physical fitness/recreational activity. Instruction includes attention to the principles of physical fitness, initiating a jogging program, nutrition, road racing, mental aspects of jogging, age and jogging, as well as care and prevention of injuries. Students also participate in a program of jogging designed to meet their individual needs and physical condition.

132 Lifetime Fitness **1/2 credit**

Students are introduced to the fundamental techniques and knowledge associated with a variety of lifetime physical fitness activities. The principles of physical fitness are considered and related to those activities considered in the course. The course also offers an explanation and justification for physical exercise throughout adulthood.

137 Learn to Swim **1/2 credit**

Basic instruction in swimming and water safety skills is provided in order to develop the skills and knowledge associated with one's safety while in or on the water.

124 Water Fitness **1/2 credit**

Instruction and practice is provided in a variety of activities designed to utilize the water for personal health and fitness. Attention is given to activities including water walking and water aerobics. Principles of physical fitness are considered and related to the activity.

145 Volleyball **1/2 credit**

Instruction and practice in fundamental volleyball skills and techniques is provided. Students also gain knowledge of strategy, rules of the game, terminology, and basic drills.

147 Lifeguard Training **1 credit**

Instruction in skills and techniques necessary to develop minimum skills for an individual to qualify to serve as a non-surf lifeguard. Successful completion will earn American Lifeguard Training Certification. Permission of Director of Aquatics required.

155 Softball **1/2 credit**

Instruction and practice is provided in basic softball skills. Attention is given to team offense and defense as well as individual offensive and defensive skills. Instruction is also provided in strategy and rules of play.

Physical Therapy (PT)

304 Concepts of Health, Wellness and Health Professions **3 credits**

Exploration of the contemporary concepts of health and wellness as they relate to health promotion and maintenance, disease prevention and health care; the role of physical therapy as a health profession within a "wholistic" health care model; and the importance of critical inquiry, communication, interaction and collaboration in professional physical therapy practice. 2 hours lecture/discussion and independent study.

Pre-requisites: Required for Sophomore and transfer PT majors as pre-professional, pre-requisite course or permission of program. *Spring only*

402 Clinical Science I **6 credits**

This course will provide the overall conceptual framework for evaluation, analysis, and intervention of musculoskeletal pathology and movement dysfunction. The conceptual themes will include: stability to mobility; gross screening to joint specific evaluation; whole/part-whole analysis; differential diagnosis and identification of pathology within physical therapy scope of practice; pathological processes; intervention strategies and techniques; and moderating variables in intervention. Anatomy, Analysis of Human Movement, Applied Physiology, and PT Clinical Skills will be integrated into the assessment of posture, gait, lower extremity, and upper extremity movement dysfunction and pathology. Classroom, laboratory, and clinical sessions will be used to facilitate integration of these competencies and skills to total patient care. 3 Lecture hours, 6 hours Lab

Pre-requisites: BIO 301; PT 405, 409, BIO 407; Co-requisites: BIO 302; PT 410.
Spring only

405 Analysis of Human Movement **4 credits**

The analysis of human movement from the developmental, kinesiological, and biomechanical perspective. Functional anatomy, kinesiology and pathokinesiology of the joints, posture, functional movement patterns of the neck, trunk and limbs and gait as a basis for evaluation and intervention strategies in the presence of movement dysfunction associated with musculo-skeletal problems. 3hours Lecture, 2 hours Lab.

Pre-requisites: BIO 211, 212 and PHY107-108 or equivalent; Co-requisites: BIO 301, BIO 407, PT409 *Fall only*

409 PT Clinical Skills **2 credits**

Introduction to patient handling, tests and measurements and intervention strategies. Includes monitoring of vital signs, goniometry, manual muscle testing, posture and gait analysis; massage; modalities of heat, cold, light and water; therapeutic exercise; and gait training. Introduces problem solving, communication and documentation and patient management. 4 hours Lab

Co-requisites: PT 405, BIO 407, BIO301 *Fall only*

410 Integrated Clinical Arts Seminar I **3 credits**

The first of a series of interactive lectures and seminars designed to integrate physical therapy clinical arts into clinical and foundation sciences from a bio-psycho-social perspective. Content for discussion to include: analysis of the impact of moderating variables such as age, gender, cultural diversity, environment and lifestyles across the lifespan; interpersonal and communications skills; professional roles, values, and responsibilities and appropriate utilization and application of radiology and pharmacology. Application and integration particularly geared to clients with musculo-skeletal dysfunction.

3 hour Lecture, 1 hour Seminar

Pre-requisites: Psych 275 or equivalent, PT 409; Co-Requisites: PT 402 Spring only

Graduate courses are listed below. Their descriptions appear in the graduate catalogue

PT 503*	Clinical Sciences II	4credits
PT 505*	Clinical Sciences III	4 credits
PT 506	Clinical Science IV	6 credits
PT 511*	Integrated Clinical Arts Seminar II	4 credits
PT 512	Integrated Clinical Arts Seminar III	4 credits
PT 614	Integrated Clinical Arts Seminar IV	3 credits
PT 515	Research Methods	3 credits
PT 590	Research Seminar	1 credit
PT 690	Critical Inquiry	3 credits
PT 692	Critical Inquiry Seminar	1 credit
PT 612	Special Topics in Physical Therapy	1-3 credits
PT 616	Clinical Decision Making	2 credits
PT 518	Clinical Education I	3 credits
PT 619	Clinical Education II	6 credits
PT 621	Clinical Education III	6 credits

* Courses count toward BS Degree requirements for students in BS/MSPT Program.

Physics (PHY)

101/ Radiologic Physics I-II **3 credits each**

102 Structure of matter; basic electricity and magnetism; X-ray properties, production and interaction with matter; X-ray circuit. Lecture: 2 hours. Laboratory: 2 hours.

107/ Introductory Physics I-II — **3 credits each**

108 An introduction to selected areas of the world of physics for non-science majors. Physics topics which illustrate the history, method and application of physics. Lecture: 2 hours. Laboratory: 2 hours. Prerequisite: Equivalent of 2 years of. H.S. algebra.

131 Physical Science — **3 credits**

An introduction to selected areas of the physical sciences of astronomy, chemistry and physics. Lecture: 2 hours. Laboratory: 2 hours.

221/ General Physics — **4 credits each**

222 Fundamentals of mechanics, heat, light, sound, electromagnetism and an introduction to selected areas of modern physics.Lecture: 3 hours. Laboratory: 2 hours.

Prerequisite: MTH 152.

341 Modern Physics — **3 credits**

Physics of the 20th Century, including the Bohr atom, spectra, X-rays, matter waves, radioactivity, nuclear energy, relativity, quantum mechanics, fundamental particles. Lecture: 3 hours. *On demand*

413 Physics Cooperative Education — **3–6 credits**

Academic study combined with work experience in the community. Offered on demand

Political Science (POL)

100 American National Government — **3 credits**

A study of the American Political system with emphasis placed on the structure and operation of the National Government; the Constitution; Citizenship and Democratic Processes.

103g/m Global Politics — **3 credits**

This course will examine the nature, character and dynamics of global politics. Emphasis will be given to the political development, institutions, processes and policies, problems and prospects of key areas, regions, and nation-states in the contemporary global system. Multi-national, inter-regional and cross-world perspectives, relationships and comparisons will be studied and critically analyzed.

251/ Law Seminar I-II — **3 credits each**

252 Introduction to the legal system and legal profession; the role of lawyers and judges in American society; the courts and judicial process; policy making; legal research and procedures; the use of law books; legal terms; decision making; litigation; case analysis. Correlated field instruction and field experiences included.

Alternate years

308 Comparative Politics — **3 credits**

The course will compare the political processes and governmental policies of several different countries. The economic and social problems that decision makers confront will be emphasized. Focus will be given to analyzing policy alternatives and the impact of social movements on policy making. *On demand*

405/ American Constitutional Law I-II — **3 credits each**

406 A case method survey of the organic role of the United States Supreme Court in the total process of the America constitutional system. Emphasis on governmental structure and relationships; individual freedom and the Bill of Rights.

Alternate years

413 Political Science Cooperative Education **3–12 credits**

Academic study combined with work experience in the community

450/ Internship **3 credits each**

451 Directed field experiences for advanced students in law offices or law related agencies. Weekly College conferences coordinate theoretical knowledge with field observation and practical experiences.

Prerequisite: Permission of program director

480 Independent Study **3–6 credits**

In-depth investigation of a selected topic.

485 Special Topics **3–6 credits**

Topic may vary from semester to semester and will be announced with preregistration information and course hours.

Psychology (PSY)

101 Introductory Seminar **1 credit**

Focus on the market opportunities with those stopping at a bachelor's degree in psychology, a master's degree and for those pursuing a doctorate.

Prerequisite: None. *Spring only*

123 Introduction to Psychology **3 credits**

A survey of the science of contemporary psychology, its methods, findings, theoretical foundations and practical applications. Topics include biological basis of behavior, developmental processes, perception, learning, motivation, personality, social behavior and abnormal behavior.

200 Career Seminar **2 credits**

Designed to help the psychology major define his/her career goals through the use of technologies related to career decision-making. After goals are established, plans to meet them will include such decisions as organizations to join, networking, placements, graduate admission testing (ex. GRE and/or Miller's Analogies Test) and application (if appropriate).

Prerequisite: PSY 101, Introductory Seminar of permission of Instructor. Fall only

224 Organizational and Industrial Psychology **3 credits**

Investigation of organizational behavior, personnel and industrial psychology, with emphasis on utilization of basic psychological theory to make organizations more effective. Topics include personnel selection, performance appraisal, training employees and managers, leadership and supervision, communication, motivation, attitudes and job satisfaction.

Prerequisite: PSY 123 or permission of instructor. *Alternate years*

232 Research Methods **3 credits**

Development of an appreciation for the scientific method as applied to the behavioral sciences. The language of science, concepts, propositions, hypotheses, models, theories and empirical laws. Analysis of the concepts of experimental, correlational and case study methods. Prepare skills in conducting scientific literature reviews and survey research.

Prerequisites: PSY 123, MTH 115.

233 Advanced Research Methods **3 credits**

This course is the second of a two semester sequence of research related courses required of all Psychology majors. The goal of the course is to help students develop the skills necessary to conduct research in Psychology. Students will learn how to conduct research from identifying a problem to interpreting results. These skills will be developed through the completion of assigned laboratory exercises and a small independent research project.

Prerequisites: PSY 232 *Spring only*

250 Social Psychology **3 credits**

Study of the relationships between individuals, and between individuals and groups or institutions. Topics include attribution of responsibility, interpersonal attraction, social influence, attitude change, characteristics and effects of crowds, and determinants of behavior.

Prerequisite: PSY 123 *Alternate years*

275 Child and Adolescent Psychology **3 credits**

Study of the relationship between physiological and psychological growth of the individual from infancy through adolescence. Emphasis on the theoretical formulations of child and adolescent development relative to emotional and cognitive processes.

Prerequisite: PSY 123

277 Adult Development and Aging **3 credits**

This course will provide an overview of adult development from early adulthood through death and will focus on both normative changes and individual differences. Topics to be discussed include: biological changes, changes in health and health habits, cognitive and intellectual changes, sex roles and family roles, work and work roles, development of relationships, changes in personality and motives, mental health and psychopathology, and death and dying. Developmental theories, models, and research methods will also be discussed.

Prerequisites: PSY 123 *Alternate years*

285 Communication Skills: Interviewing and Recording Techniques **3 credits**

Development of skills that may be useful in working directly with clients and others, including listening for emotions, monitoring one's own reactions and responses, building a client-worker relationship which can foster constructive change in the client.

Cross-Registration with SOC 285

290 Psychopathogy(formerly 430 Abnormal Psychology) **3 credits**

Study of both professional and popular theories regarding mental illness and abnormal behavior. Exploration of chronology of abnormal behavior theories and treatments from demonology and phrenology to psychophysiology and chemotherapy, from madness and demonic possession to modern day viewpoints. Comparative study of the medical, behavioral and social models of mental disorder.

Prerequisite: PSY 123

300 Research Group **2 credits**

Provides Psychology majors and minors the opportunity to engage in collaborative research at the undergraduate level. Students will have the opportunity to work with a member of the faculty and other students on research projects of general interest.

Prerequisites: PSY 233

301 Cognitive Psychology **4 credits**

This course will cover the techniques and findings of modern cognitive psychology, as well as the theoretical issues and explanatory models of complex mental processes. Potential topics include: thinking, problem-solving, creativity, memory, attention, language, mental imagery, cognitive development, and the neural basis of cognition. Lecture: 3 hours. Laboratory: 2 hours.

Prerequisites: PSY 232 *Spring only*

302 Learning **4 credits**

A survey of current theories and findings related to traditional research findings and theories related to classical, operative, and observational learning. Non-associative forms of learning and the application of learning principles in behavior modification will also be discussed.

Prerequisites: PSY 123, PSY 232 *Alternate years*

303 Biological Psychology **3 credits**

This course surveys the recent advances in understanding how the brain works and how it controls behavior. Beginning with the basics of the structure and functioning of the nervous system, students explore the biological bases of topics that have long been of interest to psychologists. These topics include: Sensation and perception, motivation and emotion, learning and memory, and abnormal behavior and its treatments.

Prerequisites: PSY 123 *Fall only*

304 Sensation and Perception **3 credits**

This course deals with how we construct a conception of physical reality from sensory experience. While the primary focus will be on vision and hearing, the chemical senses (taste and smell) and the somatosenses (touch, temperature, vibration, etc.) will also be addressed. Students will cover the anatomy and physiology of the various sensory receptors, the neural mechanisms of sensation, sensory representation in the brain, as well as the phenomenological experience of perception. Topics will include the ways in which illusions can fool our senses and what they tell us about how our sensory systems work.

Prerequisites: PSY 123 *Alternate years*

305 Psychopharmacology **3 credits**

This course explores what is currently known about the neurobiology of psychiatric disorders and the use of psychoactive drugs to treat them. Starting with the basics of the brain/behavior relationship and principles of pharmacology, we will cover the symptoms and treatment of the affective disorders, anxiety disorders and the schizophrenias, among others. Also included will be the psychological aspects and pharmacotherapy of the neurodegenerative disorders such as Parkinson's disease, Huntington's chorea, and Alzheimer's disease.

Prerequisites: PSY 123 *Alternate years*

306 Drugs and Behavior **3 credits**

Drug abuse is our nation's number one health and social problem. In this course students will examine the use and abuse of drugs from many perspectives: social, historical, legal, medical, pharmacological and psychological. Beginning with a basic coverage of how the brain controls behavior, we will look at how drugs interact with the brain to have such powerful effects on behavior. Topics will include the medical use of drugs (including over-the-counter and psychotherapeutic drugs), the illegal abuse of drugs like heroine and cocaine, and the use and abuse of legal drugs such as caffeine, nicotine and alcohol.

Prerequisites: PSY 123. *Alternate years*

310 Gender Studies **3 credits**

Focuses on gender issues from the perspective of different disciplines. Specitic topics may include: biological, social, and cultural determinants of gender differences, gender roles in the family, philosophical views of men and women, gender in the classroom, gender issues in the workplace, gender issues in the health professions, and men, women and power.

Prerequisites: PSY 123 *Fall only*

315 Psychological Assessment(formerly 280 Tests & Measurements) **3 Credits**

Development of skills necessary to determine the adequacy of testing instruments. Topics include personality measures, interest tests, IQ scales, achievement tests and aptitude tests. Summary of measurement statistics provided, but students are encouraged to take MTH 115, Basic Statistics, as background.

Prerequisite: PSY 232 *Alternate years*

332 Childhood (formerly 432 Developmental Psychology) **3 Credits**

This course will focus on the nature, causes, course, and treatment of various child and adolescent disorders, such as attention-deficit/hyperactivity disorder (ADHD), learning disabilities, conduct disorder, autism, childhood depression, anxiety disorders in children, and eating disorders. These disorders will be discussed and understood as deviations from normal development in childhood and adolescence.

Prerequisite: PSY 275 *Alternate years*

381 Special Topics **1-3 credits**

Topics may vary from semester to semester and will be announced with preregistration information and course hours.

On demand

413 Practicum in Psychology **3 credits**

Work experience in a setting where psychology is applied. Can be used to further career exploration or to promote transition into the work place.

Prerequisite: Completed junior year as a psychology major.

450 Personality **3 credits**

Survey of various theories of development, structure and characteristics of personality. Freudian theory, behavioral, humanistic and existential viewpoints, trait theorists and others are explored.

Prerequisite: PSY 123, junior status or permission of instructor. *Fall only*

452 Counseling and Psychotherapy **3 credits**

Emphasis on treatment of Psychopathology, including discussion of such approaches as psychoanalysis, Rogerian therapy, gestalt, rational, emotive and behavior therapy, primal scream therapy, transactional analysis, drug therapy, shock therapy, psychosurgery and religious counseling. Study of the current research on the effectiveness of the various therapies.

Prerequisites: PSY 123, PSY 290 *Spring only*

470 Advanced Seminar in Psychology **3 credits**

A capstone experience intended to integrate earlier learning and to discuss postgraduation issues.

Prerequisite: Completed junior year as a psychology major. *Spring only*

490 Independent Research **3 credits**

Opportunity for students with high GPAs to conduct a study on a topic of their choosing.

Prerequisite: Overall GPA of 3.0 or higher, completion of PSY 233 and Junior year ASA psychology major.

Religious Studies (RLS)

Note: Students are required to take two (2) courses from the 100 level in each category to fulfill their religious studies core requirement.

100 Biblical Studies **3 credits**

Biblical Studies is the study of selected Christian and Hebrew scriptures toward the development of an awareness of what the biblical authors meant to communicate to their contemporaries with special attention paid to literary forms, sociological factors and historical settings.

104 World Religions **3 credits**

Students will learn about the major religions of the world and become familiar with the ways these religions differ from each other in regards to gods, rituals, scriptures, founders, the arts and the concepts of the principal purposes of life.

106 Theology and Human Experience **3 credits**

Presents students with the principles of theology and a practical methodology for relating the major resources of the Christian faith with human experience. Selected readings, the use of case studies and/or actual experience provide the reference point for reflecting theologically upon human experience.

107 Women and Spirituality **3 credits**

Feminist consciousness and theory will provide the context for this course as it explores the life and writings of medieval women including Hildegard of Bingen, Julian of Norwich and Teresa of Avila. The course will examine the rich and varied expressions of spirituality found in the traditions of African and native American women healers, their understanding of art as a sacred process and their reverence for the body and the earth.

112 Rise of Western Religion **3 credits**

Explores the origin, nature, and historical development of Rabbinic Judaism, Christianity and Islam including their distinctive characteristics and their interaction for 1500 years.

Fall only

113 Theology of the Church **3 credits**

Presents students with the historical, cultural, and theological contexts for understanding the nature and mission of Christian ecclesial communities. Special attention will be given to the church from the Reformation to Vatican II and to the recent ecumenical developments.

114 Introduction to Christian Thought **3 credits**

Presents the major developments in Christian thought from the Early Church and medieval Periods including the life and writings of dominate figures in each period and the debates which surrounded the issues of faith and reason, nature and grace, salvation and scripture. *Spring only*

115 Religion in America **3 credits**

Examines religious diversity in America with special emphasis given to the distinctions between Protestant, Orthodox, and Catholic Christianity as well as the uniqueness of Judaism, Native American Religion, and Islam and Wicca.

116 American Catholicism **3 credits**

Explores ways in which Americans and American institutions shaped United States Catholic identity; and how Catholic contributed, in turn, to the intellectual, political, cultural and social life of the nation. Particular attention will be given to the influence of Catholic social teaching on American life and to the theological and cultural pluralism which continues to inspire and challenge American Catholic identity. *Fall only*

Electives

224 Experience in Christian Ministry — **3 credits**

Course enables students to correlate their professional skills and ministerial competencies within a service-oriented context. Theological Study, field placement, and ministerial/professional development are major components of the course. *Spring only*

480 Independent Study — **1–3 credits**

Qualified advanced students may arrange independent study in areas not covered by existing courses. The permission of the involved faculty is required before Independent Study may be pursued. *On demand*

485 Special Topics — **1–3 credits**

This offering allows students the opportunity to pursue the investigation of a selected topic through research and/or study/travel courses. Topic may vary from semester to semester and will be announced with preregistration information and course outline.

On demand

Social Work (SWK)

103 Community Service — **3 credits**

Practical experience in helping people and the community, understanding human needs and assessing potential for human services professions. Lecture combined with 4 hours per week in community service. Course open to all students.

Corequisites: PSY 123

200 Building Multicultural Competence — **1 credit**

Two-day workshop course intended to provide students with the opportunity to assess their level of cultural competence and develop skills for working with diverse populations.

222 Drug Pharmacology — **3 credits**

A comprehensive understanding of drug pharmacology and its effect on the user. The course will include examination of such topics as classifications of drugs, synergistic effects of drugs on the body, drug tolerance and dependence, and the over-the-counter pharmaceutical industry. *Fall only*

232 Research Methods — **3 credits**

Quantitative and qualitative research methodology, and appreciation of the scientific method as applied to the behavioral sciences and social work. The language of science, concepts, propositions, models, hypotheses and empirical laws. Analysis of concepts of the experimental, correlational and case study methods. Critical reading of research; introduction to research activities; evaluation of interventive efforts.

Prerequisite: MTH 115 Basic Statistics I or permission of instructor.

251 Introduction to Social Welfare — **3 credits**

Introduction to the field of social work and the social welfare system in the United States. Focuses on the historical and philosophical antecedents of present day social welfare programs and the development of social work as a profession.

Prerequisite: SOC 110 or permission of instructor. Fall only

252 Social Welfare Policies and Services — **3 credits**

A systems approach to the study and assessment of contemporary social welfare programs. Focuses on the interplay of social, political and economic forces that influence the planning and implementation of social welfare services.

Prerequisite: SWK 251 or permission of instructor. Spring only

285 Communication Skills **3 credits**

Development of skills for helping professionals in direct work with individual clients, groups, and others. Listening for emotions, monitoring one's own reactions and responses, building group leadership skills and developing relationships that foster constructive change.

Prerequisite: PSY 123, SOC 110

333 Substance Abuse in the Adolescent Population **3 credits**

A study of the special problems of the adolescent substance abuser. Correlates which add impetus to the progression of the problem will be examined. Emphasis will be on early identification and detection as key components in initiating intervention strategies.

335 Substance Abuse in Special Populations **3 credits**

A multi-faceted look at the myriad of special populations affected by substance abuse. Emphasis will be on cross-cultural influences and the role they play in contributing to substance abuse.

Prerequisite: ADC 340 or permission of instructor *Spring only*

337 Substance Abuse Treatment Methods **3 credits**

An examination and critique of the many treatment resources and methods which have been developed during the last twenty years. Discussion will include but not be limited to such treatment methods as psychotherapy with individuals and groups, drug therapy, family and network therapy, detoxification and behavioral therapy.

Spring only

339 Substance Abuse and Criminality **3 credits**

A study of the special problems of the adolescent substance abuser. Correlates which add impetus to the progression of the problem will be examined. Emphasis will be on early identification and detection as key components in initiating intervention strategies.

333 Substance Abuse in the Adolescent Population **3 credits**

An examination of the correlation between substance abuse and criminality. This course will analyze the theoretical models of the substance abuse/crime relationship and its societal implications. Topics to be explored will include drugs and street crime, DUI, Interdiction, strategies, urinalysis testing, and substance abuse and family violence. *Summer: WEC*

340 Alcoholism **3 credits**

An introduction to the diagnosis and treatment of alcoholism. Emphasis is placed on contemporary beliefs and attitudes toward alcohol, effects on the family and implications for treatment. *Fall only*

341 Substance Abuse and the Aged **3 credits**

Focuses on the use patterns, diagnosis and treatment methods specific to the aged substance abuser. Issues examined will include misuse and abuse of prescription drugs, behavior and risk factors, factors related to underdiagnosis, and relationship to depression and suicide. *Alternate years: WEC*

353/4 Social Work Methods and Processes I and II **3 credits**

Skills in a social work intervention will be developed, including case work, group work, community organization, assessment, goals and methods of implementation of large and small group theory. A study of the social worker's role as advocate and change agent.

Prerequisites: For SWK 353:SWK 251; For SWK 353: SWK 285

358 Counseling the Older Adult **1–3 credits**

A social worker practice course with emphasis on individual and group counseling techniques for older persons with emotional and social difficulties.

Prerequisite: Permission of instructor *Alternate years*

361 Special Topics in Social Work Practice **1–3 credits**

361 Special Topics in Social Work Policy **1–3 credits**

Content of these courses varies from semester to semester in keeping with student and faculty interest.

Prerequisite: Permission of instructor. *On demand*

363 Child Welfare Services **3 credit**

The history and current provision of services to children in need of care because of neglect, abuse or lack of family support.

Prerequisite: Permission of instructor. *Fall only*

371 Field Instruction I **3 credits**

Students work in a community agency two days per week for one semester, under the supervision of an agency person and a member of the social work faculty. Students participate fully in agency activities.

Prerequisite: SWK 103, SWK 252, SWK 285, SWK 353. Social Work majors only.

375 Aging Policies and Programs **3 credits**

Analysis of causes, intent and results of policy decisions as they are experienced as programs and services for the elderly. Discussion of policies affecting income, health care, social services and volunteerism.

Prerequisite: Social Work seniors only *Spring only*

390/ Seminar **3 credits**

391 Analysis of special areas of social work

Prerequisite: permission of instructor. *On demand*

392 Child Abuse and Neglect **3 credits**

A practice oriented course for students who intend to work in a protective service role. Abuse and neglect: causes, legal sanctions for intervention, treatment approaches, case planning and services.

Prerequisite: permission of instructor. *Spring only*

395 Foster, Residential and Adoptive Care **3 credits**

Assessment, case planning and the provision of services in foster care, in residential facilities, and for child adoption.

Prerequisite: SWK 363 or permission of instructor. *Alternate years*

413 Social Work Cooperative Education **3–6 credits**

Academic study combined with work experience in the community. *On demand*

472/ Field Instruction Seminar **3 credits**

473/ Weekly seminar for students involved in field instruction; for duration of field placement.

474 Integration of theoretical knowledge with practical field experiences. Student case materials and experiences discussed.

Corequisite: Field instruction course; social work majors only

475/ Field Instruction I-II **3 credits**

476 Two days a week for two semesters, senior social work students practice in a social service agency. practice supervised by agency representative; education directed by social work facility. Direct service to clients.

Prerequisite: Permission of field coordinator; social work majors only

477 Field Instruction IV **3 credits**

An alternative to SWK 476 in cases where block placements are more valuable. Senior social work students work full time in an agency for ten to twelve weeks for one semester. Practice supervised by an agency representative; education directed by social work faculty member. Direct service to clients.

Prerequisite: Permission of field coordinator

480 Independent Study **3 credits**

Special investigation of a selected topic *On demand*

Sociology (SOC)

101 Comparative Sociology **3 credits**

Basic principles of human cultural and physical evolutionary development. Emphasis on range and variability of human cultures through examination of selected African, Asiatic, Native and Oceanic societies. Social change, social stratification, culture and personality, culture and language, ethnocentrism, cultural relativism and social control. Fulfills Behavioral Science core requirement.

121 Principles of Sociology **3 credits**

This course emphasizes a socio-cultural perspective that challenges students to think critically about diverse cultural groups. Sociological concepts such as Culture, Social Structures, Exchange Systems, Family Systems will be studied as they relate to different cultures throughout the world as will social change and its impact on our culture. *On demand*

122 Social Problems **3 credits**

An analysis of the theory of social problems. Emphasis on the factors which cause social problems, particularly in the American culture.

Prerequisite: Permission of instructor. *Spring only*

221 Cultural Minorities **3 credits**

This course explores the nature of majority-minority relations as it relates to people of color in American society. Majority-minority relationships will be examined from the sociological perspective, which identifies majority status as one of dominance and minority status as one of subordination. In doing so, students will identify and analyze those historical, psycho-social, and socio-structural factors which have contributed to the making of minority groups and to the perpetuation of prejudice and racism. Majority-minority relationships in the United States will be illustrated by studying the social experience of four selected groups: Black Americans, Native Americans, Mexican Americans, and Puerto Rican Americans.

Prerequisite: SOC 110 Comparative Sociology

321 The Family **3 credits**

A study of the family as a social institution and social group. A multi-disciplinary approach drawing from sociology, anthropology, psychology and economics. Family patterns of organization, disorganization and reorganization in contemporary America. Emphasis on diversity in families.

Prerequisite: SOC 110 or permission of instructor.

392 Seminar **3 credits each**

393 Analysis of special areas of sociology or anthropology.

Prerequisite: Permission of instructor. *On demand*

413 Sociology Cooperative Education **3–6 credits**

Academic study combined with work experience in the community.

480 Independent Study **1-3 credits**

Special investigation of a selected topic. *On demand*

Special Education (SED)

100 Exceptional Children **3 credits**

Definitions of exceptional children, their characteristics, the methods used to identify their learning needs and the types of educational programs available. Topics include special education, mental retardation, learning disabilities, social and emotional disturbance, speech and language impairments, vision handicaps, hearing handicaps, physical handicaps, and giftedness.

244 Characteristics of MPH I * **3 credits**

Study of exceptional children with mental retardation and physical handicaps. The causes and characteristics of intellectually and physically handicapping conditions are explained. Classification and diagnostic procedures are highlighted.

Prerequisite: SED 100. *Fall only*

245 Strategies for MPH I * **3 credits**

Studies of diagnostic, prescriptive, instructional, and evaluative skills in non- academic areas for children who are severely intellectually and/ or physically handicapped.

Prerequisite: SED 244. *Spring only*

260 Classroom Management * **3 credits**

Develops competencies related to effective classroom management, discipline techniques and motivational practices. Various theoretically based strategies discussed. Operant techniques emphasized.

Prerequisite: PSY 123 or EDU 200 (concurrent). *Fall only*

300 Junior Practicum ** **1 credit**

Students participate for a minimum of 36 hours in their Junior fall or spring semester in a local school district classroom under the guidance of a cooperating teacher and college supervisor.

Prerequisite: Junior status in Special Education

344 Characteristics of MPH II * **3 credits**

Study of exceptional children with learning disabilities and social/emotional disturbances. The causes and characteristics of learning and behavioral problems are explored. Classification and diagnostic procedures are highlighted.

Prerequisite: SED 100. *Fall only*

345 Strategies for MPH II * **3 credits**

Develops diagnostic, prescriptive, instructional, and evaluative skills needed by teachers of "academic level" children including those who are learning disabled, emotionally disturbed and moderately/mildly mentally retarded. Vocational training is also included.

Prerequisite: SED 344. *Spring only*

410 Parent Conferencing * **1 credit**

Parenting styles and techniques are discussed and their impact on teaching and learning are explored. Parent/teacher communication issues are discussed and strategies developed. *Fall only*

413 Cooperative Education **3–12 credits**

Academic study combined with work experience in the community.

480 Independent Study * **1–2 credits**

Students, with the assistance of faculty members, investigate selected topics.

485 Special Topics * **1–3 credits**

Special education majors may take credits in special topics. These credits can be accumulated by taking special minicourses such as: Working with Parents and Families of the Handicapped, Sign Language, Medical Procedures, Culturally Different Children, Community Agencies, etc.

495 Student Teaching ** **12 credits**

Students spend 15 weeks practice teaching in local schools under the guidance of an experienced teacher and a college supervisor.

497 Seminar * **0 credit**

Weekly seminars for student teachers are conducted.

Field Experiences **0 credit**

Students are expected to spend one-half day per week (total of a minimum of 25 hours) each semester from the second semester of their freshman year to the first semester of their senior year observing and working in community classrooms or agencies. Course-related assignments are completed. (See EDU 601-606).

* Enrollment limited to Special Education Majors or students in related fields. Other students may enroll in these courses with permission from the Teacher Education Program Director.

** Open only to students pursuing teacher certification.

College Regulations Admission Requirements

General Admission, Full-Time Freshman Students

College Misericordia encourages applications from those who seek a strong liberal arts base for their chosen baccalaureate education and who present evidence of the ability and desire to pursue an academic program of study.

Candidates for general admission to the College are reviewed on a rolling admission basis by the Committee on Admissions. The decision to admit a student is based on the students intended field of study and on an evaluation of the students qualifications. The sole exception to this general rule pertains to applicants to the Physical Therapy Program in which case all admissions decisions are made after the February 1 filing deadline for applicants. Normally, reservation deposits should be made within six weeks of notification of acceptance. When needed, requests for extensions to the deposit deadline maybe submitted to the Office of Admissions.

An Applicant for admission who wishes to enter the freshman class should provide the Admissions Office with the following:

1. Application for Admission with non-refundable $25.00 fee.
2. Official copy of the secondary school transcript forwarded to the Executive Director of Admissions and Financial Aid by the Guidance Department of the secondary school. The transcript should indicate that the candidate has completed, or is in the process of completing, at least sixteen (16) Carnegie Units. The transcript should include current semester courses and all pertinent information regarding the students educational background. Students who have secured a High School Equivalency Diploma will also be considered for admission, and must submit a copy of their GED.

3. Test results of the scholastic Aptitude Test (SAT) of the College Entrance Examination Board or the American College Testing (ACT) Program are generally required for admission. Waiving of test requirements is made only by written permission from the Executive Director of Admissions and Financial Aid.
4. A written recommendation from the high school principal, guidance counselor or teacher is encouraged. For applicants to the Occupational Therapy Program, two letter of recommendation are required.

Incoming full time students who wish to enroll at College Misericordia for either the fall or spring term must submit a reservation deposit of $150.00 if they want to reside on campus. A $100.00 reservation deposit is required for full-time incoming students who plan to commute. This deposit is non-refundable. Personal interviews are not required. However, applicants are strongly encouraged to arrange for a personal interview and a tour of the campus.

Full-Time Transfer Students

College Misericordia welcomes students who wish to transfer from other accredited four-year colleges or universities, or two-year junior or community colleges. Prospective full-time transfer students are encouraged to arrange an interview with the Admissions Office to review academic status and proposed curriculum. Prospective part-time transfer students are encouraged to arrange an interview with the Division of Adult Education and Community Services.

Prospective transfer students will be considered for admission if they have maintained a cumulative GPA of 2.0 or better (based on a 4.0 system). Transfer students must complete a minimum of 30 credits at College Misericordia. The College will accept no more than sixty (60) credits from any single or combination of two year institution(s). Only grades of C or better from an accredited, degree-granting institution will be accepted for transfer credit. The Registrar, however, reserves the right to award or withhold credit. In most instances a GPA of 2.5 is required for advancement to the professional level. (See individual curriculum guides in front of catalog.) Candidates who meet the GPA requirements for general admission and who seek advanced standing for previous college work must provide the Executive Director of Admissions and Financial Aid with the following:

1. Application for Admission with a non-refundable $25 fee.
2. Official copy of secondary school transcript.
3. Two (2) official transcripts from each college previously attended where credit has been earned.

Course for course transfer credit will be awarded for those courses that are equivalent to courses offered at College Misericordia. Other transfer credits may be accepted as elective credit. Grades earned at other institutions are not included in the student's GPA at College Misericordia. Please refer to the section below for specific information which applies to students transferring with an associate degree.

Transferring with an Associate Degree to a 4-year program:

Normally, no student applying to a 4-year program with an Associate Degree in a related major will be required to complete more than 66 credits at College Misericordia. If the combined requirements of Core and Major exceed 66 credits, and if the Associated Degree is related to the intended major as determined by the Registrar in conjunction with the Program Director, the following stipulations will apply:

1. Priority will be given to the major requirements;
2. In distributing other core curriculum requirements, consideration will be given to enriching the student's liberal education and complementing Core equivalencies completed as part of the Associate Degree. In this case, determination of appropriate Core courses will be done by the student's advisor in consultation with the Registrar;

3. If it is possible within the 66-credit stipulation, students may complete the Core Curriculum as required either directly or by reasonable substitution through transferred credit as prescribed by the College Misericordia Registrar in the course of transcript evaluation. In some cases, approved substitute courses may fulfill requirements of both core and major.
4. A student may not be able to graduate within the requirement of no more than 66 credits required for completion, if the student also wishes to declare a minor, a concentration or an area of emphasis.

Transferring with an Associate Degree to a 5-year program:

Transfer students with an Associate Degree in Occupational Therapy (OTA) and Physical Therapy (PTA) should refer to the admissions section of the program to which they are applying and which appears elsewhere in this catalog.

Part Time Students

Students wishing to be accepted to Misericordia on a part-time basis in either the Accelerated Degree Program (evening/weekend) or the semester format should first contact the Division of Adult Education and Community Service for a personal interview. Curriculum requirements, relevant college policies, the process for transfer credit evaluation, and financial aid referral will be explained in detail at that time.

Although part-time students may begin their studies on a non-matriculating basis, they are expected to apply for formal admission to the college at the earliest possible date. Students applying for part-time admission to the college must:

1. Complete a part-time student application form. Submit a non-refundable $25 fee with the form.
2. Send two official transcripts from each college previously attended to the Division of Adult Education and Community Service.
3. Send one copy of their secondary school (high school) transcript (or GED) to the Division of Adult Education and Community Service if this is the first time attending college.
4. Registered nurses must send transcripts from their diploma-granting institution, as well as two copies of the RN license to the Division of Adult Education and Community Service office.

Upon receipt of the Application for Admission, the secondary school record/transcript or post-secondary transcripts (if applicable), and the appropriate recommendations, the Division of Adult Education and Community Service office and department faculty review the applicant's portfolio. Candidates are notified by mail of the admission decision usually within three weeks. Certain programs have specific requirements for acceptance into the program. Applicants are referred to the description of programs, which appears earlier in the catalog.

Courses, which apply to the student's field of study, will be evaluated by the College Misericordia Registrar on a course by course comparison with College Misericordia courses and are subject to approval by the Department Chair in consultation with the Registrar.

Early Admission

Students who have completed their junior year in high school with an outstanding record of achievement may apply for early admission to College Misericordia.

Advanced Placement

Students who have participated in the College Entrance Examination Board college-level testing program may be granted academic credit at College Misericordia. The decision to award college credit in these cases is made by the Registrar and the department sponsoring the course for which credit is requested.

Academic Advising

Students are assigned an academic advisor within the department in which a student is majoring. Advisors will also be assigned to students who are undecided about a major.

The academic advisor is the student's liaison with other college offices. Advisors should be consulted often for guidance and advice. In addition to lending academic guidance, advisors can provide information on where to obtain and how to complete necessary forms pertaining to academics.

Advisors must sign all academic paperwork including course registration, drop/add forms, withdrawal from course forms, off-campus permission forms, etc. Advisors meet with students individually for pre-registration consultation each semester.

Academic Integrity

The College expects the highest standards of honesty and academic integrity. Any form of cheating, plagiarism or dishonesty is a fundamental violation of the nature and purposes of College Misericordia. Thus, students should become familiar with their responsibilities. **For a complete statement of the Academic Integrity Policy, please see the Student Handbook.**

Academic Grievance

The College provides a uniform method by which students can pursue grievable issues. Grievable issues are either complaints about alleged violations of the institution's academic policies or unfairness in the application of policies.

If the grievance pertains to a policy violation associated with program or college dismissal or with an alleged policy violation, which affects a student's grade, the student must initiate the grievance process immediately upon receipt of grades or dismissal notification. The grievance process must be completed before the end of the add period.

In all cases, formal grievances must be filed within one semester of the occurrence of the event being grieved. Summer enrollment period is considered as a semester.

A student who has a grievance should attempt to resolve it on an informal basis by using the following procedures.

1. The student should first speak to the person with whom the complaint rests.
2. If unable to reach a resolution, the student should discuss the matter with the Program Director or Department Chairperson who supervises the person against whom the complaint is lodged.
3. If the matter is not satisfactorily resolved at that level, the student should proceed to the chair of the division to discuss the issue.
4. If the matter is not resolved at that level, the student should proceed to the office of the Vice-President of Academic Affairs where a formal grievance may be filed. The formal grievance must be accompanied by a letter from the division chair providing the rationale for the chair's decision regarding the grievance.

The student shall inform the Vice-President of Academic Affairs in writing of his or her intent to seek formal redress through the grievance procedure, indicating the nature of the complaint.

Within fourteen (14) calendar days of receipt of the written complaint, the Vice-President of Academic Affairs will convene the Academic Grievance Committee and provide the chair of the committee with the student's statement of complaint. The Academic Grievance Committee is composed of one administrator and one faculty member appointed by the Vice-President of Academic Affairs, and the academic affairs coordinator of Student Government.

At least two (2) days in advance of the hearing, the chair of the committee will notify parties to the grievance of:

1. The time and place of the hearing;
2. Specification and nature of the complaint;
3. The composition of the committee;
4. The right of the individual charged to be present when charges and evidence are presented to the committee, to question and to give evidence on his or her behalf.

At any hearing, committee members may question witnesses to evaluate all the relevant facts of a given case. All committee meetings shall be private; witnesses shall be excluded except for the period of their questioning.

The report and recommendation of the committee shall be in writing, including the committee's rationale for the decision and including any dissenting opinion. Only those committee members who have heard all testimony and evidence in a given case may vote on the committee's recommendation.

The committee's report and recommendations shall be forwarded to the Vice-President of Academic Affairs within ten (10) calendar days of the hearing.

The Vice-President of Academic Affairs will make the final determination and formally advise the parties involved.

Academic Honors

The Dean's List, which is issued at the close of each semester, recognizes students who have completed a minimum of 12 graded credit hours and have earned a grade point average of 3.55 (on a 4.0 system) for the semester. Graduate students do not qualify for Dean's List. Part-time students will be eligible for the Dean's List after they have completed 30 credits at College Misericordia.

Students are awarded baccalaureate degrees with distinction for exceptional academic achievement. Honors are awarded as follows:

Distinction	*Grade Point Average at Graduation*
Summa Cum Laude	3.90 and above
Magna Cum Laude	3.70–3.89
Cum Laude	3.50 –3.69

A student must have completed at least 60 credits at College Misericordia to quality for these honors. Commencement honors for the highest scholastic average can be earned only by a student who has matriculated at the College for four full years.

Students who complete the College Honors curriculum and the Honors Research Project, while achieving a grade point average of 3.4 or better, will be awarded an Honors Degree.

Academic Standing

All students must maintain an acceptable cumulative grade point average to remain in good academic standing. Failure to do so will result in either academic probation or academic dismissal. Students are encouraged to confer with their academic advisors because some majors have academic performance criteria which are program specific.

Probation

College academic probation is the automatic and minimum penalty for failing to maintain an acceptable cumulative grade point average. Students failing to maintain an acceptable grade point average are also liable to suspension or dismissal from the College. Students who have attempted between 12 and 23 credits will be placed on probation if their cumulative grade point average is below 1.75. Those who have attempted between 24 and 37 credits will be placed on probation if their cumulative grade point average is below 1.90. Students who have attempted 38 or more credits will be placed on probation if their cumulative grade point average is below 2.0.

Transfer students whose cumulative grade point average at College Misericordia falls below 2.0 after attempting 12 credits will be placed on probation. If a transfer student's grade point average at College Misericordia falls below 2.0 after attempting 30 credits, the student will be dismissed.

Students will also be place on academic probation for failure to maintain an acceptable cumulative grade point average in courses taken to fulfill the core curriculum requirements. Student who have attempted 30 credits or above will be placed on academic probation if their cumulative grade point average for core requirements is below 1.75. Students must have a cumulative grade point average of 2.0 for the core curriculum in order to graduate.

Students on academic probation are required to carry a restricted academic load. A student on academic probation is prohibited from representing the College in any official capacity. This prohibition includes, but is not limited to, holding any elected or appointed office or seat in student government, or on the Executive Board of Student Government, serving as a Resident Advisor, or participating in intercollegiate athletics. Furthermore, they may have their participation in non-prohibited extra curricular activities curtailed if in the judgment of the Vice-President of Academic Affairs such activities could interfere with their academic performance.

Academic Probation will begin with the first class meeting of the semester (Fall, Spring or Summer) following the decision to place a student on academic probation.

Students who are placed on probation will normally have one semester to raise their cumulative grade point average to 2.0. Failure to make satisfactory academic progress will result in academic dismissal. Students who have been removed from academic probation must maintain a 2.0 status throughout the remainder of their academic program. A student who is academically dismissed will not be permitted to attend classes on a non-matriculating basis.

Cancellation of Classes

The following information concerns cancellation of classes. Students may call 570-674-6311 for information regarding the closing of the College. If the College is to close or to be placed on compressed schedule because of weather or other special conditions, the decision will be made as soon as possible and relayed promptly to local radio and television stations. Individual class cancellations are posted by the Vice-President of Academic Affairs as they are reported.

Change of Academic Major

A student who wishes to change from one major program to another will consult with the assigned academic advisor. The student must secure approval for the change from the Department Chair of the major program into which the student wishes to transfer. Changes will be processed only at the end of each semester. Forms which must be completed in order to change one's major may be obtained in the offices of the Registrar and Adult Education. The change of major does not take place until the appropriate form is properly executed and filed with the Registrar.

Change of Name/Address

Students are responsible for notifying the Registrar's office in writing of any change in name and/or address. It will then be appropriately process throughout the College.

Change of Status

Students who wish to change from full-time to part-time status are required to consult with their academic advisor, and submit the appropriate form with all requisite signatures to the office of the Vice-President of Academic Affairs for processing. Students considering such a change should also consult with the Director of Financial Aid for information about the implications of the decision on financial aid eligibility. Students will then be referred to the Division of Adult Education and Community Service for registration information.

Students who want to change from part-time to full-time status must address a letter to the Executive Director of Admissions and Financial Aid stating their intention.

Change in Resident Status

All changes in resident status must be submitted in writing to the Director of Residence Life. The Director of Residence Life will determine the refund percentage based upon the actual date of departure established by officially checking-out and returning all keys to the Residence Life office.

Students who change from resident to commuter status will have their room charges refunded as follows:

Time of Withdrawal	Amount
Prior to first day of classes	100 percent
First Week	90 percent
Second Week	80 percent

No refunds of room charges are allowed after the second week. There are no refunds on room reservation deposits.

Board charge refunds will be pro-rated based upon the actual date of departure as defined above.

Class Attendance

College Misericordia affirms the importance of class attendance, and recognizes the value of faculty/student and student/student interaction. Students are expected to attend all classes.

The College recognizes that there are circumstances when a student must miss class and these necessary absences should not incur academic penalty. It is the responsibility of the student to consult with the appropriate faculty member prior to the absence to secure an excused class absence and to arrange for any makeup work.

Credit Load Full-time

College Misericordia degrees require a minimum of 120 credits, although most programs require an average of 126 credits and are designed to be completed in eight semesters. Students enrolled in programs with degree requirements in excess of 126 credits should expect to spend longer than eight semesters to earn their degree. 18 credits constitute a maximum semester load. Students who wish to take more than 18 credits in one semester must have a minimum GPA of 2.75, and must receive written permission from the Vice-President of Academic Affairs prior to registration. Students must also pay an additional per-credit charge for every credit taken over 18. (See tuition and fees.) No student may take more than 21 credits a semester.

Credit Load Part-time

Ordinarily, students who are classified as part-time may take no more than 12 credits in any combination of traditional, accelerated, or weekend formats in any one semester period while being charged the per credit tuition rate.

Contract Learning

Contract Learning is the term used to define any college-sponsored accredited course that is conducted outside a traditional classroom setting (other than a cooperative education arrangement). Two types of Contract Learning are available at College Misericordia: (1) Directed Study; (2) Independent Study. Students must be formally admitted to the College in order to register for Contract Learning. A student can earn no more than 15 credits via the Contract Learning option. A maximum of six (6) Contract Learning credits may be carried in a semester. Contract Learning (i.e., either Independent Study or Directed Study) will be delivered to the student at no additional cost above the regular tuition fees.

Directed Study

When a full-time student must take a specific college course in a given semester but it is not part of the offerings in that semester, the student may petition for a directed study. Students may apply for directed study only in exceptional situations. Students may not use a directed study to do a grade repeat. Students who wish to apply for a directed study must have at least a 2.5 GPA.

A student interested in this option must first discuss this possibility with the advisor, and then approach the appropriate department and division chairpersons sponsoring the course under consideration. If the contract is approved at that level, the student will approach the appropriate faculty member to determine his/her availability. Faculty retain the right to decline a request for a Directed Study. Final approval of this arrangement is made by the Vice-President of Academic Affairs. A written contract will be drafted between the instructor and the student.

The minimum number of times that a student and instructor are to meet will be included in this document. Copies of the contract are to be forwarded to the Vice-President of Academic Affairs, the student's advisor, the instructor, and the Registrar. The student must register prior to the beginning of a semester for a Contract Learning Directed Study. Ideally the contract should be drafted during the previous semester. Students will be expected to assume much of the responsibility for actually writing the contract. Forms are available in the offices of the Registrar and Adult Education.

Independent Study

Independent study is the special investigation of a selected topic. It may be undertaken by a junior/senior student whose academic requirements cannot be met by regular catalogue offerings. Independent Study may not be taken simply to accrue existing course credits. Only free elective credits may be used for Independent Study. Depending on the depth and scope of an Independent Study, from one (1) to six (6) credits may be earned. (Determination of assigned credits is made by the appropriate department chairperson and faculty member.)

Students who wish to apply for an Independent Study must have at least 3.0 GPA. The student must have demonstrated the ability to pursue independent work. To apply for Independent Study, students must (a) define the topic or issue to be pursued; (b) discuss their plan with their advisor; (c) contact the chairperson of the appropriate department/program to request approval of their proposal; (d) if the independent study is approved, the student will approach a faculty member in the department that sponsors the Independent Study to serve as a mentor. Faculty are free to choose whether or not to mentor a student for Independent Study.

Part of the intent of an independent study is to foster self-directed learning. Therefore, after a student has specified the content area to be studied and has diagnosed his/her learning needs, the mentor and student will jointly negotiate course objectives; learning resources and methodology; and procedures for evaluation. The minimum number of meeting times will also be specific. A written contract is to be drafted and signed by both parties, which includes these areas. Copies are to be forwarded to the Vice-President of Academic Affairs, the student's advisor, the mentor, and the registrar.

Independent work is not governed by the academic calendar. A project may be started and ended at any point during the semester. Students should register for an independent study when their work is initiated; if the project extends beyond the end of a given semester, an In Progress (IP) can be issued.

Independent study application forms may be obtained from the Registrar and the Adult Education office.

Drop/Add

Students should consult the academic calendar for the dates of the drop/add period, during which time schedule changes may be made with the Registrar. Drop/add forms are available in the Registrar's Office and the Division of Adult Education. The drop/add form must be approved and signed by the student's advisor before it may be processed. Drop/add is not official unless the form is received and processed by the Registrar or the Adult Education Office during the drop/add period.

International Students

College Misericordia welcomes students from all nations. Students for whom English is not their first language must demonstrate proficiency. College Misericordia's Admissions Office can help students register for the Test of English as a Foreign Language (TOEFL) which measures listening and reading comprehension as well as written expression. Because College Misericordia does not offer English as a Second Language (ESL) programs, it is essential that the student demonstrate a mastery of the language sufficient to perform college-level work.

Grading System

The grade point average is computed by dividing honor points earned by credits attempted. Any courses failed will be charged as credits attempted through the final calculation of a student's grade point average. A minimum of a (2.0) cumulative grade point average is required to graduate both overall and in the core curriculum.

Some majors require a higher cumulative grade point average for graduation and program retention. Students should consult individual academic program descriptions for major requirements.

Grades		*Honor Points Per Credit Hour*
A		4.0
A-		3.7
B+		3.3
B		3.0
B-		2.7
C+		2.3
C		2.0
C-		1.7
D		1.0
F		0.0
I	Incomplete	0.0
WF	Withdraw failing	0.0
WP	Withdraw passing	Not calculated
AU	Audit	Not calculated
W	Withdrawn	Not calculated
IP	In progress	Not calculated
S	Satisfactory-pass	Not calculated
U	Unsatisfactory-fail	Not calculated

Please note the following implications of this grading system:

1. A grade of "W" is given to students who withdraw prior to the end of the Drop period. As noted in the college calendar, no academic penalty is incurred. Students withdrawing from a class after the last day to withdraw without academic penalty will receive either a withdrawn pass "WP" or a withdraw fail "WF." A "WF" calculates in the GPA as an "F." The grade issued is at the discretion of each instructor. Withdrawal forms may be obtained from the Registrar's Office. The date on which the form is received by the Registrar's Office is considered as the date of withdrawal and the refund of the tuition and grade assigned are based on this date (see Refund Policy)

2. If a student does not officially withdraw from a course and ceases to attend it, a grade of "F" is incurred, except in extenuating circumstances. If a student withdraws while failing, after the date for withdrawal without academic penalty, a grade of "WF" is incurred.

3. It is the responsibility of the student to contract with the instructor in writing to apply for a grade of Incomplete "I." An "I" must be removed within six weeks after the end of the semester or it becomes an "F."

4. Pass/Fail grading is limited to those courses designated in the college catalog to be on a S/U basis. The letter grade of S (satisfactory) or U (unsatisfactory) will be assigned to these courses. S and U grades are listed on the transcript but are not calculated in the grade point average. Credits for these courses are not included in the 12 graded credit hours required for the Dean's List.

Graduation Requirements

The minimum number of credits required of a baccalaureate degree from College Misericordia is 120 credits. To obtain a Baccalaureate Degree a student must complete the minimum hours of credit required by the declared major including all specific program requirements. A student must also complete a minimum of 30 credits at College Misericordia for any given degree. Students should consult individual program descriptions.

A student must have a minimum cumulative grade point average of 2.0 or better in all major and core course requirements to graduate. Some majors require a higher cumulative grade point average for graduation. Students should consult specific program descriptions.

A degree application form, available from the Registrar's Office, must be completed in the year of graduation by the student and advisor. This form is to be submitted to the Registrar's Office during the Fall semester prior to Spring graduation. All bills must be paid in advance in order for a student to be eligible to graduate.

Students with Disabilities

College Misericordia through the Assistant Dean of Students and the Director of the Alternative Learners Project coordinates its efforts to serve students with disabilities into all areas of campus life. Academic support services/accommodations needed for classes or field/clinical experience are coordinated by the Director of the Alternative Learners Project. To access these services, students must have a documented disability and provide appropriate documentation. Contact Dr. Joseph Rogan, third floor administration building, at (570) 674-6347 or jrogan@miseri.edu for specific details.

All other services (e.g. housing, access) are coordinated by the Assistant Dean of Students whose office is located in the Banks Student Life Center. College Misericordia does not discriminate on the basis of disability in admission to its programs, services or activities, in access to them, in treatment of individuals with disabilities or in any aspect of its operations. Questions, complaints or requests for additional information regarding the ADA and Section 504 may be forwarded to the designated ADA and Section 504 compliance coordinator.

Kit Foley, Assistant Dean of Students
College Misericordia, Dallas, PA 18612-1098
(570) 674-6304, 8:30am–4:30pm; kfoley@miseri.edu

This notice is available from the ADA and Section 504 compliance coordinator in large print, on audio tape and in braille.

The Alternative Learners Project

Students with learning disabilities may apply to participate in the Alternative Learners Project, a program which provides selected students with pre-college summer experiences, training to use Learning Strategies and accommodations, and support through individualized programs of accommodations associated with their schedules of regular courses during the school year. Information is available from the Admissions office or from Dr. Joseph Rogan.

Off Campus Courses

Students may complete a maximum of 12 credits in approved off-campus courses, of which no more than 6 credits may be in college core courses.

Once accepted to the College, transfer students may not transfer more than six (6) additional credits in approved off-campus courses, of which no more than three (3) credits may be in the College core.

All off-campus courses must be evaluated and approved as to their equivalency to College Misericordia courses. This determination will be made in consultation between the Department Chair in the discipline which sponsors the course at College Misericordia and the Registrar.

Off-campus course approval forms are available in the office of the Registrar.

Pre-Registration

For pre-registration, class registration forms must be completed by the students and signed by their advisors prior to their scheduled time to register and must be submitted to the Registrar's Office or the Division of Adult Education at the time of pre-registration.

Grade Repeat Policy

A currently enrolled and matriculated student who receives an "F" in a required course must repeat that course and earn a passing grade. A currently enrolled and matriculated student who receives a grade in a required course which does not meet program requirements must repeat that course and earn an acceptable grade to maintain/continue matriculation status in the program. If a grade of "F" is received in a free elective, that course does not have to be repeated.

Grade Replacement Policy

A student may choose to replace a grade in a course in which he or she has received a grade of "D" or "F." All course replacements must be taken at College Misericordia. The repeated course will appear on the transcript twice. The original grade will be replaced with an "R". Only the new grade, even if it is lower than the original, will be used in calculating the student's GPA.

A student is eligible for a maximum of five grade replacements over the course of the student's baccalaureate program at College Misericordia. However, the same course can be repeated only one time for the purpose of grade replacement.

The student must indicate his/her intention of replacing the old grade with the new one by filing the appropriate form with the Registrar at registration. If a student attempts to replace a grade for which the proper forms have not been filed with the Registrar, both the original and replacement grades will be used in GPA calculations.

Once a student has graduated, the student's record prior to graduation is not subject to change through this policy.

Second Degree

Students who wish to obtain a second baccalaureate degree may do so if they fulfill the following conditions:

1. The student must be officially admitted into the major program in which the second degree is desired.
2. The student must meet all of the curriculum requirements of the second degree.
3. The student must complete a minimum of thirty credit hours in addition to the credits taken in the first degree program.
4. For the purposes of a second degree, the core curriculum is waived with the exception of those courses required for the major.

Withdrawal From College

Traditional students who wish to withdraw from the College must go to the Office of the Dean of Students to begin the withdrawal process. Generally students who are in good academic standing both in their program and institutionally at the time of withdrawal, are granted a period of up to one calendar year from the time of withdrawal to return to the institution. In extraordinary circumstances students may request an extension of this time period. Requests for an extension must be submitted in writing to the Vice President of Academic Affairs who will consult with the appropriate department chairs. Each request will be evaluated on an individual basis. Students should contact the appropriate academic department for specific requirements for returning to an academic program.

This policy does not bind the institution to offer the student's curriculum or major program which may have been discontinued or substantially altered during the period in which the student was not enrolled.

The following must be completed before an official withdrawal can be granted:

- Return books to the library
- Return residence hall keys to a member of the residence life staff
- Return parking permit, student ID, meal card and mailbox key to the Dean of Students' Office
- Withdrawal form and exit interview completed with all appropriate signatures

The date of withdrawal will be determined by the completion of the above. That date will determine if any refund of tuition is warranted. Cancellation of charges will depend on the date that the withdrawal is official (see Refund Policy).

Students who withdraw after the last day to withdraw without academic penalty will receive a withdraw pass WP or a withdraw fail WF. The grade issued is at the discretion of each instructor. A WF calculates in the GPA as an "F". (Cf. Academic Calendar: deadline for withdrawal without academic penalty.)

Readmission

Students in good academic and disciplinary standing who have withdrawn from College Misericordia and wish to re-enroll within one calendar year of their withdrawal must notify both the Vice President of Academic Affairs and the Chair of the academic department to which they hope to return of their intent to return. Readmission to the college does not automatically imply readmission to the student's former program. If a student wishes to return to the college in a different department from the one in which the student was enrolled at the time of the student's withdrawal, the student must make formal application to that department through the Admissions Office.

Students who have been academically dismissed from a specific academic program but not from the college should consult academic department policies and procedures for specific eligibility requirements for readmission. The readmission process for students who have been academically dismissed from the college must include an interview with, and favorable recommendation from the, Chair of the Department to which the student is applying. In the case of disciplinary dismissal or a withdrawal for personal reasons, the matter will be referred to the Dean of Students. In all cases, readmission to the college does not imply readmission to one's former academic program.

A student who wishes to withdraw from the College must go to the Dean of Students Office to begin the withdrawal process. The following must be completed before an official withdrawal can be granted:

- Return books to the library
- Return residence hall keys to a member of the residence life staff
- Return parking permit, student ID, meal card and mailbox key to the Dean of Students Office
- Clear student balance in the Controller's office
- Complete exit interview and submit withdrawal form with all appropriate signatures.

The date of the withdrawal will be determined by the completion of the above. That date will determine if any refund of tuition is warranted (see Refund Policy).

N.B. students taking classes exclusively on weekends may contact the Office of Adult Education Community Services for assistance in completing these efforts.

Library

The Mary Kintz Bevevino Library is located at the heart of the campus between the Administration Building and McHale and Gildea Residence Halls. Named to honor the late alumna, Mary Kintz Bevevino, a 1987 graduate of the college, the facility encompasses 37,500 square feet and houses stacks for 90,000 volumes. A variety of study environments are provided, including casual seating, study tables, and individual carrels interspersed throughout the building, as well as group study areas located on the second and third floors above the library entrance way.

The goal of the library is to provide materials and services in support of the educational objectives of the academic programs. Faculty and students have access to materials in a variety of formats including books, serials, and periodicals—available in print and microform, and reference search tools. There are also approximately 2,500 videocassettes available for either viewing in the library or for overnight loan. Special collections include ANA and NLN nursing publications, as well as a collection of children's books to support the education curriculum.

Students can search for library materials, including materials that faculty have put "on reserve," using SIRSI's UNICORN public access catalog from off-campus as well as in the library. The classification system used by the library is the Dewey Decimal System. A valid College Misericordia I.D. is required to borrow library materials. UNICORN also provides an automated system of library functions to the library staff.

EBSCOhost offers access via the internet to the following databases: Academic Search FullTEXT Elite, Business Source Plus, CINAHL, ERIC, and Comprehensive MEDLINE (1966-current) with Medical Subject Headings. Access is available to all registered borrowers from the library's Data Search Lab, all campus computer labs, and from off-campus computers (password required). Silver Platter Information Retrieval System (SPIRS) offers the MLA International Bibliography on CD-ROM. Also available on CD-ROM are Academic Abstracts and ERIC. CD-ROM access is limited to computers located in the Data Search Lab. Trained staff are available to assist users with searching techniques. Individuals may request additional instruction by appointment.

College Misericordia is a member institution of the Northeastern Pennsylvania Bibliographic Center (NEPBC), the area consortium of regional, academic, public, and special libraries. Affiliated with the NEPBC is a group of hospital and nursing school libraries of the Health Information Library Network of Northeastern Pennsylvania (HILNNEP). Materials available are located in the union list. With a valid College Misericordia I.D., students may borrow materials from other member libraries during the academic year.

As an affiliate of PALINET, a regional network of libraries and information centers, College Misericordia subscribes to the Cataloging and Interlibrary Loan subsystems of the Online Computer Library Center (OCLC) in Dublin, Ohio. The OCLC Interlibrary Loan subsystem affords library staff instant access to the holdings information of all participating libraries and provides an electronic means for College Misericordia's library to borrow materials from other libraries for students, faculty, and staff.

Computer Facilities

Students have ample access to computer labs equipped with IBM PC compatibles. Education students have access to a multimedia lab stocked with Macintosh computers. We continually upgrade and expand all facets of the hardware and software we manage. By doing so we enable our students to keep pace with dynamic technology. Four computer labs offer students access to: campus network, Internet, E-mail, Windows 98, and 50 workstations. Major software: Microsoft Office, WordPerfect, Derive, SPSS, and Database plus spreadsheet packages. Programming languages include Assembler, BASIC, C++, COBOL, Pascal, PROLOG, ISETL, and others.

Special Programs

Accelerated Degree Program

The Accelerated Degree Program is a special model for part-time adult learners who must balance family and career responsibilities while pursuing their education.

Classes meet in "Terms" which consist of 14 Monday and Thursday evenings (5:40 pm–8:00 pm and/or 8:10 p.m.-10:30 pm). Four terms per year are offered. Students may take up to two classes per term which allows them to obtain a bachelor's degree in approximately four years.

For further information on the program and the degrees offered contact the Division of Adult Education and Community Service at (570) 674-6450 or 674-6451.

Act 101 Program

The Act 101 Program is a Pennsylvania state-wide program consisting of tutoring and counseling designed to assist qualified students in developing academic skills, leadership potential and positive study habits.

Services are provided in the areas of peer tutoring, professional tutoring, peer counseling, professional counseling and career exploration.

The Act 101 Program operates out of the Learning Resource Center which is located in the lower level of Alumnae Hall.

Air Force and Army ROTC

Through cooperative programs with Wilkes College and the University of Scranton, College Misericordia students can take part in Air Force and Army Reserve Officers' Training Corps.

The Air Force ROTC program is based at Wilkes; the University of Scranton administers the Army ROTC program. Students who participate in ROTC at these institutions do so without penalty to their full-time academic status at College Misericordia. Free elective courses are awarded by the College for ROTC participation. Tuition for ROTC courses is paid directly to the institutions offering the programs. More information about ROTC may be obtained from the Registrar.

Division of Adult Education and Community Service

College Misericordia offers a variety of educational options for nontraditional students: those students who attend part-time, for those who did not go to college right after high school, and for those with some prior college experience.

The Adult Education office is sensitive to the alternative needs of students with families, full-time jobs, or both. Evening classes are held every semester and during the summer. Many nontraditional students find weekend classes (see Weekend College) and the accelerated degree program (see Accelerated Degree Program) convenient. All of the College's academic and student services facilities are available to students. Similarly, such students must comply with the College regulations. The adult learner can access a variety of academic and support services including individualized academic assistance; SIGI PLUS, a computerized career guidance system to help students determine which vocational paths best suit their work values, interests and abilities; periodic workshops on topics such as study skills, job search and interview techniques; free tutoring; and a variety of credit options outside of the classroom (see Credit Options Outside the Classroom).

Credit Options Outside the Classroom

Misericordia recognizes that significant, meaningful learning often occurs in settings other than structured, college-sponsored courses. For adult students who would like to receive credit for knowledge they have already acquired, CLEP and Prior Learning Assessment permit them to translate their learning into college credit.

CLEP (College Level Examination Program) allows adult students to demonstrate their knowledge in a wide range of subject areas. CLEP examinations are standardized tests which measure a person's knowledge of the material covered in introductory college courses. The knowledge may have been obtained through on-the-job experiences, professional workshops, classes at business or technical schools, volunteer activities, or avocational pursuits. CLEP credit is treated as transfer credit and is awarded on a credit/no credit basis. Only passing grades appear on transcripts. Call the Division of Adult Education for more information.

Contract Learning provides students the convenience of continuing their college studies despite temporary work or family demands that prevent them from attending regularly scheduled classes. An independent study arrangement, contract learning can be set up for either course offerings from our catalogue or for topics that students would like to study in more depth.

No more than a total of 40 credits may be earned through credit options outside the classroom.

Prior Learning Assessment (PLA) Credits

Prior Learning Assessment (PLA) credits all students the opportunity to validate their relevant learning in a written document called a portfolio. The portfolio information is to be organized to correspond as closely as possible to comparable courses from Misericordia's inventory of undergraduate offerings. Emphasis will be placed on the satisfactory presentation of the student's knowledge relative to each course's learning objectives.

For each challenged course, a faculty assessor from each of the involved Divisions will be selected by that Division's Chair. The assessors will review the portfolio according to the following criteria: the learning will be demonstrated to be college level; the learning is current, particularly in quickly changing fields such as computer science and business; the learning must be able to be generalized and transferred, i.e., it can be applied outside of the specific context or situation in which it was acquired; the learning must be somehow measurable; the learning must have a theoretical as well as a practical component; credits will be awarded for competence and actual learning outcomes not merely the experience; the credits awarded will not duplicate other earned college credits. This includes transferred credits, CLEP credits, Misericordia-awarded credits, ACT, PEP exams, etc. The maximum number of credits that can be awarded to a student will be forty (40).

Students who request assessment of their prior learning must:

1. be matriculated at the college with a declared major;
2. limit requests for assessment to those course areas that will fulfill degree requirements in their declared major;
3. have had all transfer credits officially evaluated prior to attempting this credit option.

Students will not be required to have any previously earned Misericordia credits; thus there will be no minimum GPA requirements.

Students who have been awarded Prior Learning Assessment Credits at another institution will not automatically be awarded such credit in transfer. They will, however, have the opportunity to present their portfolios, with updated information, to our PLA committee. For more information contact the Division of Adult Education and Community Service at (570) 674-6154.

Administrative Process

The option for Prior Learning Assessment will be available only during Fall and Spring semesters. Students will attend an initial orientation session (free of charge) to familiarize them with the college policy and process of PLA. The credit free workshop, portfolio requirements, and fee structures will be explained. Students will be charged a $50.00 per course faculty assessment fee. Upon completion of portfolio, an additional $50.00 per course processing fee will be charged.

For further information contact the office of the Director of Adult Education and Community Service at (570) 674-6154.

Non-Credit Programs

For individuals interested in professional and personal development, the Division of Adult Education and Community Service offers a variety of credit-free programs, classes and workshops.

Fitness and Fun Program

The Fitness and Fun Program offers special programs, camps, non-credit courses and workshops for children, students, employees, alumni, and the community.

For further information, contact the Division of Adult Education and Community Service at (570) 675-3862.

Cooperative Education

The Cooperative Education program integrates academic study with work experience in the community. Students may earn academic credit for full or part-time work assignments related to their educational interests. The job assignments are supervised by College faculty. Students pay tuition for the credits they earn in field experiences and earn salaries which vary with each work assignment.

Cooperative Education enables students to explore career opportunities and prepares them for entry into the job market. By means of Cooperative Education, students experience personal growth, develop independent learning skills, and enjoy broad based education.

Minimum GPA restrictions apply; check with your academic advisor for clarification.

Consortium Programs

Students at College Misericordia may register for courses at King's College and/or Wilkes University in Wilkes-Barre, if those courses are not part of Misericordia's curricula. The program is reciprocal.

Full-time students in good academic standing who meet specific course prerequisites are eligible. Ordinarily, cross registration is available only to juniors and seniors who have received permission from their major department to participate in the program. Cross registered courses are considered part of a student's regular course load; no additional tuition fees are charged and courses carry full academic credit and grade value.

Study Abroad Programs

College Misericordia has consortial agreements with Webster University and the Beaver College Center for Education Abroad.

Students may choose to study abroad for one or two semesters, normally in their junior year. They must consult with their academic advisor regarding courses and numbers of credits to be taken at the institution abroad. Students who wish to use courses taken abroad to satisfy specific course requirements at Misericordia, whether in the core or the major, must secure the approval in advance of the appropriate Department Chair/Program Director.

Off-Campus Request Forms must be filled out for each course; the off-campus credit limitation, however, does not apply to study abroad. In all other respects, study abroad credits are treated as transfer credits. All students planning a study abroad experience must consult with the Director of Financial Aid to determine appropriate financial responsibility.

Freshman Year Experience

The Freshman Year Experience is designed to orient first year students to the institution and to help them integrate themselves into the College community. Through a special introductory session at orientation and subsequent weekly classroom workshops, all first year students have an opportunity to become familiar with key offices, services and resources on campus and to explore a variety of issues such as diversity, wellness, thinking, learning, peer pressure, and drugs and alcohol. They also have an opportunity to develop a support network consisting of fellow students, student service personnel, and faculty.

Learning Resource Center

The Learning Resource Center offers services to students who wish to improve the quality of their learning. The Center offers comprehensive support services through the following programs: peer tutoring, professional tutoring, personal counseling, peer advocacy, peer education, workshops, and math labs. Individual assessment and intervention services regarding study skills and learning strategies are also offered as well as developmental intervention programs for students who go on academic probation or for those who are not satisfied with their level of performance. The Center is located in the lower level of Alumnae Hall. All services are free of charge.

Tutorial Assistance

College Misericordia offers a variety of tutorial options to assist students in achieving academic goals. Individual and group tutoring is provided in most Core curriculum courses and some professional courses. Professional staff is available to assist those students who wish to improve their study skills. Tutorial Services operate out of the Learning Resource Center which is located in the lower level of Alumnae Hall. All tutorial services are free of charge.

Veterans

College Misericordia welcomes the opportunity to provide education to veterans of the armed services. College Misericordia is approved by the Veterans Administration for the education and training of veterans.

Veterans enrolling at the institution for the first time should notify their local Veterans Administration Office in order to apply for educational benefits. This application should be filed six weeks prior to the beginning of the semester. Students must contact the Registrar's Office to initiate the process.

Weekend College

Weekend College is a special accelerated educational model for adult learners who must balance family and career responsibilities while pursuing their education. Students may earn credit toward a bachelor's degree by attending classes on weekends. The program emphasizes independent, self-motivated study. Weekend College classes meet seven times a semester on Saturdays or Sundays (8:00 a.m.-12:00 Noon and/or 1:00 p.m.-5:00 p.m.).

For further information contact the Division of Adult Education and Community Service at (570) 674-6450 or 674-6451.

Tuition and Fees

The following charges cover one academic semester during the 1999-2000 academic year.

Generally, all tuition charges, with the exception of financial aid award amounts, are to be paid in full at the beginning of each semester/term unless special arrangements are made with the Controller. Interest is charged on unpaid balances.

Expenses per Semester

Tuition 1999-2000		
Regular Tuition	$7,235	Full-time students
Regular Tuition	$362	Part-time students per credit
		Full-time students who wish to take more than 17 credits will be charged for additional credits at $362/credit.
		Medical technology majors will be charged $225 per semester in lieu of tuition during the semesters spent in hospital practicum. Those students are also assessed the general fee.
General Fee	$360	The general fee and its related services help to promote and enhance the educational, recreational, social and cultural life of the student body.
Technology Fee	$30	Computer and technology services
		The computer and technology fee will help fund the purchase of computer equipment and sophisticated technologies for student use.

Room	$1,735	Regular Campus Housing: Alumnae and McHale Halls
	$1,775	Regular Campus Housing: Gildea Hall
Single Room	$300	*Based on seniority at the time of housing lottery*
Townhouse Room	$2,045	Provisions for single/private rooms are under the discretion of the Director of Residence Life
Telephone Service	$40	*All resident students*
		Should vacancies occur in a student room, the remaining student is required to accept another roommate or be reassigned to another room. Students in suites or townhouses must maintain the stated minimum occupancy or be removed from the area. If availability permits, the Director of Residence Life may provide an option to maintain the room, suite or townhouse below the minimum stated occupancy. When this situation occurs, ***all*** remaining occupants of the room, suite or townhouse will be subject to an additional room charge of $300 beyond the rates stated above.
Board	$1,435	19 Meal Plan
	$1,315	14 Meal Plan
	$1,150	10 Meal Plan
	$765	5 Meal Plan Townhouse residents only
		All freshmen must be on the 19 meal plan. Upperclassmen living in residence halls may select a 19 meal, 14 meal or 10 meal plan. Upperclassmen living in townhouses may choose a 19 meal, 14 meal, 10 meal or 5 meal plan.

Special Fees, Deposits and Expenses, 1999-2000

Applied Music	$100	Students enrolled in all sections of Fine Arts 117
Graduation Fee	$125	
Liability Insurance	$20	For students enrolled in majors, other than Nurse Practitioners, which require clinical experience or field experience
Liability Insurance	$80	For Nurse Practitioners clinical experience or field experience
Orientation Fee	$135	Freshman
	$50	Transfer
Parking Fines	$5	
Parking Permit	$15	
Returned Check Fee	$15	A fee will be assessed for each check not accepted and returned by the bank. Two returned checks will cause check-writing privileges to be permanently revoked
	$75	Room reservation deposit Upperclassmen only; room deposit is payable by April 15 and is applied to room charges
Student I.D.	$10	

Student Teaching Fee	$200	For Education major in teaching placements
Summer Housing	$400	Per session
Transcript Fee	$5	
Weekend College	$200	Room rental per semester
Additional Class Specific Fees:		
Laboratory Fee	$130	For students enrolled in the Occupational Therapy and Physical Therapy majors
Nursing Skills Lab Fee	$25	For students enrolled in the Nursing major

Release of Transcripts or Diplomas

A diploma or transcript (official or unofficial) will not be released until the student's account is paid in full.

Auditing

Students may audit courses at one-half cost based on full or part-time credit charges. No credit is awarded for audited courses. Auditors are admitted to courses as space is available. Matriculating students who wish to audit a course must seek permission from the Registrar.

Payment Policy for Part-Time Students

At the time of registration, a part-time student must make arrangements for paying tuition and fees. The student may either pay for the course in full, have financial aid to cover the amount due, or participate in either the Deferred Payment Plan or the Tuition Reimbursement Payment Plan. The details of the two payment plans are discussed below.

Tuition Reimbursement Payment Plan for Part-Time Students

Students who receive tuition benefits from their employer may be eligible to participate in College Misericordia's Tuition Reimbursement Payment Plan. Generally, this payment plan permits tuition and fees to be paid up to thirty (30) days after the issuance of grades instead of at the time of registration for the course. The requirements of the plan are as follows:

- Only part-time students are eligible.
- A tuition reimbursement letter from the employer must be on file prior to registration and must be updated annually. The letter must state the terms of the benefit.
- Students must keep the original invoice and final grades for employer verification. Duplicate invoices and grade sheets will not be issued.
- It is the responsibility of the student, and not the employer's responsibility, to ensure that payment is made within the thirty day period. Students who fail to make payment within the thirty (30) day grace period may be removed from the Tuition Reimbursement Payment Plan.
- The thirty (30) day grace period does not apply to graduating students. Tuition and fees must be paid prior to graduation.
- Students who are receiving only partial tuition benefits must make arrangements to pay the costs that are not covered by the employer at the time of registration.

Deferred Payment Plan for Part-Time Students

College Misericordia provides an option for students or parents to pay tuition, fees and other charges on a deferred payment plan. The plan permits educational costs to be spread over a period of time. The requirements of the plan are as follows:

- Only part-time students are eligible.
- A down payment of twenty (20) percent of the total term/semester charges is required.
- Deferments are limited to one term/semester; the unpaid balance must be paid before final examinations that term/semester. Failure to pay charges in full before final exams may result in loss of credit for the term/semester.
- At the close of each month, the unpaid balance will be charged a one (1) percent finance charge.
- Students who fail to meet their deferred payment obligations will be dropped from the plan.
- Participants in the plan must sign and receive a copy of the deferred payment plan.

Tuition Payment Plan for Full-Time Students

Full-time students may arrange to pay all or part of their college costs in monthly installments. A $45 annual fee is charged to cover the processing of payments. Students must be enrolled in the installment plan prior to the start of the academic year. The plan is managed by Academic Management Service, Inc., Pawtucket, Rhode Island. Contact the Controller's office at (570) 674-6222.

Credit Card payments

College Misericordia accepts VISA, MasterCard and Discover credit cards for payment of tuition and fees.

Finance Charge

It is a College policy that any outstanding balances will be charged a one (1) percent finance charge at the close of the second month into the semester and each month thereafter. The finance charge is waived for the following students:

- Students enrolled in the Academic Management Services program (see Tuition Payment Plan for Full-Time Students).
- Students who receive rehabilitation benefits or Veterans' Education benefits.
- Part-time students who participate in the Tuition Reimbursement Payment Plan.

Financial Assistance

For over seventy years, College Misericordia has helped students and parents afford a superior college education.

Through its participation in Federal and State financial aid programs, use of institutional resources and contributions by alumni and friends, the financial aid office tries to meet, as fully as possible, each student's financial need.

The College is eligible to participate in a full range of financial aid programs through the U.S. Department of Education. Eligible students may qualify for aid through the Federal Pell Grant Program, and the Federal Family Education Loan Program, as well as Federal campus-based programs including Supplemental Educational Opportunity Grants, Perkins Loans and the Federal Work-Study Program.

The College participates in the Nursing Loan Program under the auspices of the Department of Health and Human Services.

College Misericordia is also designated as an eligible institution by the Pennsylvania Higher Education Assistance Agency (PHEAA), allowing qualified students access to the Pennsylvania State Grant Program.

In general, the College offers three types of financial assistance:

Scholarships/Grants Gift aid given directly to students based on financial need or some area of achievement, such as an outstanding academic record, evidence of leadership, etc. Students do not need to repay this type of award.

Loans Monies borrowed by students to meet educational expenses. Students and/or their families repay these funds after withdrawal or graduation. Interest is charged on loans, however, interest charges vary with different loan programs.

Work-Study Employment which allows students to earn a portion of the money needed to meet educational expenses.

Application Procedures

All students who wish to be considered for financial assistance must file a College Misericordia Application for Financial Assistance and the Free Application for Federal Student aid. These applications must be filed each year.

New Students New students must complete the application for financial assistance, which is part of the admissions application. The application should be returned to the Admissions Office. New students must also file the Free Application for Federal Student Aid. Students must be admitted to the College before an application for financial aid will be considered.

Returning Students Returning students must complete both the College Misericordia Application for Financial Assistance and the Free Application for Federal Student Aid. Students must be registered for classes in the academic year for which aid is requested.

Pennsylvania and Out-of-State Residents The College uses the information collected on these applications to determine eligibility for college administered need-based programs, including Perkins Loans, Supplemental Opportunity Grants, Nursing Loans and Work-Study. Out-of-state students must check with their high school or state agency to determine eligibility for grant assistance from their home state.

Deadlines

Applications for financial assistance must be submitted by **March 1** for incoming freshmen and transfer students and **April 1** for returning students

Applications and financial aid forms will be accepted later than these dates, but no assurances can be made that funds will be available for late applicants. Students applying for state grant assistance must comply with deadlines set by the state agency.

Definition of an Academic Year

Financial aid is awarded for one academic year. College Misericordia defines its academic year as the period of at least 30 weeks of instructional time that begins on the first day of classes in the fall semester and ends on the last day of examinations in the spring semester. During this period, a full-time undergraduate student would be expected to complete a minimum of 24 credits.

Renewal of Aid

Aid is renewed for subsequent years provided:

The student requests assistance each year by completing all appropriate forms as described above.

- The student has financial need.
- The student exhibits satisfactory academic progress toward a degree.

Satisfactory Academic Progress Policy

In order to receive or continue to receive federal, state, or college financial aid, all students must meet the following progress requirements:

1. Minimum grade point average required at the end of the academic year:

Freshmen undergraduates	1.75
All other undergraduates	2.00

   Academic Scholarship, McAuley Awards and School Partnership Scholarship requirements are more stringent. Recipients of these awards must refer to the award letter for grade point requirements.

2. Successful completion of minimum number of credits per academic year:

Full-time Undergraduate	24 credits
Three-quarter time Undergraduate	18 credits
Half-time Undergraduate	12 credits
Less than half-time Undergraduate	6 credits

   The minimum number of required credits is based on the assumption that the student is in attendance at the same enrollment status for the full academic year. If the student changes enrollment status (i.e. full-time fall, half-time spring, the required number of credits will differ. If you have questions, please contact the financial aid office at 570-674-6313.

3. Maximum time frame:

   An undergraduate student may receive aid under most programs for 12 semesters if full-time and 24 semesters if half-time.

   Any deficiencies in academic progress must be made up at the student's expense by successfully completing courses at College Misericordia or another accredited institution. Permission to take credits at another institution requires the permission of the Vice-President of Academic Affairs. Once the deficiency has been remedied, students must request that aid be reinstated for subsequent periods of enrollment. In the case of enrollment at another institution, the financial aid office will take into consideration the number of credits completed and the grades obtained. This financial aid policy differs from the institutional policy that accepts credits in transfer only, not grades obtained.

For purposes of Financial Aid, satisfactory progress is defined using the following classifications:

Freshmen	Those who have earned between 0–29.5 credits
Sophomores	Those who have earned between 30–59.5 credits
Juniors	Those who have earned between 60–89.5 credits
Seniors	Those who have earned between 90–119.5 credits
5th Year	Those who have earned 120 credits or above
Second Degree	Students who have earned a baccalaureate degree and are pursuing a second Baccalaureate degree
Full-time	Students carrying a minimum of twelve credits in a regular semester format
Part-time	Students carrying less than twelve credits in a regular semester format. Students enrolled in Accelerated or Weekend classes may carry twelve credits, but are still considered part-time
Three-quarter Time	Students carrying 9–11.5 credits
Half-time	Students carrying 6–8.5 credits
Less than Half-time	Students carrying .5–5.5 credits

Non-matriculated	Students who have not been formally accepted to a degree or certificate program
Matriculated	Students who have been formally accepted into a degree or certificate program
Certificate:	Students following a sequence of courses courses leading to an educational certificate

Right to Appeal

If a student feels that satisfactory progress was impossible to attain because of mitigating circumstances, i.e. death in the family, extended illness, etc., the student may request, in writing, a review of financial aid eligibility. This letter of appeal, must be sent to the financial aid office and describe in detail the reason for failure to make satisfactory academic progress.

Additional Requirements and Rights

A student applying for aid must supply all required information as described above. The student's enrollment status is then verified, and the financial aid office will determine the student's financial aid in accordance with school policy. The student will then receive an award letter.

Aid from outside sources must be reported to the financial aid office. Such outside aid may result in a change in eligibility status.

Aid will vary according to enrollment status (full or part-time) and housing status (resident or commuter). Students must inform the financial aid office of any status changes after their aid is packaged. Students may request an appointment with the financial aid office to review the information that determines their aid for the year, and the amount of their financial aid package.

Students have the right to request that their aid be re-evaluated if conditions arise which change their ability to meet the expenses of their education.

Sources of financial aid are described below. More information may be obtained from the financial aid office at (570) 674-6313.

Pell Grant

This Federal program provides grants that currently range from $400 to $3,125.00, depending on financial need and educational costs. Students who have not yet completed their first undergraduate degree may apply. Application is made by completing the Free Application for Federal Student Aid.

Supplemental Educational Opportunity Grant

This Federal program is available to undergraduate students with demonstrated financial need. Awards range from $200-$500 yearly depending on need, available funds and other aid received by the student. Application is made by completing the Free Application for Federal Student Aid.

PHEAA Grant

The PHEAA Grant is a Pennsylvania State Grant. All Pennsylvania residents are expected to apply for the PHEAA Grant. Application is made by completing the Free Application for Federal Student Aid. Eligibility and grant amounts are determined by the Pennsylvania Higher Education Assistance Agency (PHEAA). The deadline for application is usually May 1 prior to the start of the academic year for which aid is requested.

Other State Grants

Many states provide grants to their residents that may be used at colleges in other states. These states include Ohio, Rhode Island, Connecticut, Massachusetts, West Virginia, Delaware, Washington D.C., and Vermont. Prospective students should contact their high school guidance office or their state higher education office to learn more about their state programs and obtain applications.

Honor Scholarships

To demonstrate its commitment to academic excellence, the College awards financial assistance to incoming freshmen and transfer students who have attained outstanding academic records. All applicants are screened for scholarship eligibility upon formal admission to the College. Students meeting the minimum academic standards are invited to campus to participate in a formal scholarship competition. The competition includes an interview with faculty and the writing of an essay. Awards ranging from $1000 to $8000 annually will be offered based on the result of the competition. Scholarships are renewable until graduation, provided minimum grade point averages are maintained. The minimum averages required for retention of the award are outlined in the scholarship notification letter.

McAuley Awards

The nature and type of activities in which a student participates in high school, including involvement in extra-curricular activities, are indicative of a student's potential success at College Misericordia. Students who have served as volunteers in the community, demonstrated leadership, been active in extracurricular activities in high school and who have financial need may be eligible for a McAuley award. These awards range from $2000 to $4000 and are renewable provided the student maintains satisfactory academic progress. The Admissions office screens prospective students.

School Partnership Scholarships

To support Federal initiatives to bring 100,000 new teachers into the nation's elementary schools, the College offers School Partnership Scholarships to eligible students majoring in education. Students who have been recommended by their high school guidance officers as being excellent candidates for teaching careers, have maintained a high school average of B or better, and have demonstrated through their involvement in their communities an interest in working with children may be eligible to receive scholarships of $2500 annually. The Admissions office will screen applicants. Awards are renewable upon retention of minimum grade point average as outlined in the award letter.

College Grants

Through its own fund raising efforts, College Misericordia maintains an extensive college grant program which helps over 65 per cent of Misericordia students meet their college costs. These awards are available to undergraduate students with demonstrated financial need. Awards range from $600 -$4300 yearly depending on need, available funds and other aid received by the student. Students who receive College Grants must maintain satisfactory academic progress and file the required financial aid applications to renew their award.

Non-Pennsylvania Resident Grants

Out-of-state students who wish to reside on campus and are ineligible for state grant funds due to residency requirements, may be eligible for Non-Pennsylvania Resident Grants. These $1000.00 awards are renewable provided on-campus residency is maintained and satisfactory academic progress requirements are met.

Room Stipends

Students who wish to reside on-campus and exhibit a high degree of financial need may be eligible for Room Stipends. The amount of the stipend equals the total charge for a double room. The student is responsible for Board or meal charges. These awards are renewable provided the student maintains sufficient academic progress.

Federal Stafford Loan (Subsidized)

This loan program allows financially eligible full and half-time students to borrow money to help meet educational expenses. The borrowing limits are as follows:

Year 1	0–29.5 credits earned	$2,625
Year 2	30–59.5 credits earned	$3,500

Year 3	60–89.5 credits earned	$5,500
Year 4	90–119.5 credits earned	$5,500
Year 5	120 + credits earned	$5,500
Graduate		$8,500

The interest rate, which is set annually be the federal government, varies but will not exceed 8.25%. Repayment begins six months after the student graduates, withdraws, or enrolls in fewer than six credits. Repayment may extend for up to ten years. The exact amount of loan eligibility is determined by the following formula: educational costs minus financial aid, minus expected family contribution as calculated from the Free Application for Federal Student Aid.

Federal Stafford Loan (Unsubsidized)

This loan program provides assistance to dependent students who do not qualify for a fully subsidized Stafford Loan, up to the loan limits described above. Credit worthy independent and graduate students, and dependent undergraduates who meet federal criteria may also be eligible to borrow the following amounts in addition to the borrowing limits specified for the subsidized Stafford Loan:

Years 1 and 2	$ 4,000
Years 3, 4 and 5	$ 5,000
Graduate	$10,000

Like the Stafford subsidized loan, repayment of principal may be deferred until after the student graduates, withdraws, or enrolls for fewer than six credits. However, interest must be paid on the loan while the student is enrolled, or capitalized upon repayment.

Federal PLUS loan

This program allows credit-worthy parents of full or half-time dependent undergraduates to borrow up to the total of college costs minus other financial aid. The interest on the PLUS loan varies but will not exceed 9%. Although limited deferment provisions may be applicable to some borrowers, repayment normally begins within sixty days of disbursement with up to ten year to repay.

Perkins Loan

This program provides low interest loan assistance to students who demonstrate financial need. Students who properly complete the aid application process as previously described will be automatically evaluated for eligibility for Perkins Loan assistance. If eligible, the student will receive notification from the financial aid office. The current interest rate on a Perkins loan is 5% with repayment deferred until nine months after the student graduates, withdraws, or drops below six credits. Additional provisions for deferment of repayment are available from the Bursar's office.

Nursing Loan

This program makes low interest funds available to Nursing majors who demonstrate financial need. The application and awarding process, as well as the interest rate and repayment terms are the same as for the Perkins loan.

Federal Work-Study

Funded by the Federal government and the College, this program provides part-time jobs for eligible students during the academic year and the summer. Jobs are available on campus and in the local community. Students must document financial need to be eligible. Whenever possible, students will be assigned jobs related to their educational interests.

College Work-Study

The College maintains this work-study program through its own funding. It assists students who are not eligible to participate in the Federal program, but who need to earn part of their college expenses through employment.

Part-time Jobs

Some part-time employment is available in the community for students. Students who are interested in part-time employment opportunities should inquire at the offices of the Insalaco Center for Career Development.

Refunds of Overpayments

Refunds of credit balances on student accounts caused by overpayment (either from financial aid or personal transaction) will be processed in the controller's office within fourteen days from the date on which the credit balance occurs. The fourteen days gives the controller's time to verify the amount of refund, to check on any other charges, and to confer with the financial aid director.

Student refund requests must be approved by the controller and the financial aid director. Refund application forms are available in the controller's office. Students are advised to begin the academic year with sufficient funds to pay for books and living expenses until refund checks are issued.

Endowed Scholarships

Individuals and businesses close to College Misericordia sponsor scholarships which are available to qualified students each year.

Eligibility criteria and award information are available in the financial aid office.

Genevieve Mullen Kimbro Scholarship
Helen McCarthy Kirk Scholarship
Leslie Fay Scholarship
Dr. Louis Maganzin Scholarship
Bishop J. Carroll McCormick Scholarship
Sr. Celestine McHale Scholarship
Mercy Health Systems Northeast Region Scholarship
Margaret Morrissey Scholarship
Cronin Family Scholarship
Sister Mary Theresa Moyles Scholarship
John C. Mullany Scholarship
Jean Olash Murphy Scholarship
Helen McAndrew O'Connor Scholarship
Sister Miriam Theresa O'Donnell and Family Memorial Scholarship Fund
Madlyn Sholtis Parrish Scholarship
Reverend John Petrasko Scholarship
John Randolph Scholarship
Sallyanne F. Rosenn Endowment for the Maintenance of the Rosenn Plaza
Nelson F. Rodda and Rose M. Rodda Scholarship
Rosenn Family Scholarship
Paul J. Siegel Scholarship
Theresa Husic Silliman Scholarship
Sisters of Mercy Scholarship
C. Stefanchik Scholarship
Dr. Joseph Tomasovic Scholarship

Leona Ulichney Scholarship
Elizabeth Richards Umphred
Memorial Scholarship
Academic Endowment Scholarship
Alumni Endowment Scholarship
Geraldine Ruth Daley Anderson Scholarship
Art Gallery Endowment Scholarship
Clifford Balshaw Scholarship
Frances H. Wilchek Beisel Scholarship
Monsignor John Bendik Scholarship
Benedetti Family Scholarship
Carole Flannagan Zoeller Brown Scholarship
Bridget Carney Scholarship
James J. Connery Scholarship
Dallas Jr. Women's Club Scholarship
Theresa Decker Scholarship
John L. Dorris, M.D. FACS Scholarship
Sharon Drasnin Scholarship
Edith Elliot Scholarship
Fine Arts Scholarship
Jean Chorazy Fink Scholarship
Charles D. Flack Scholarship
Catherine and Daniel Flood Scholarship
Helen Barbara Fogel Scholarship
Fortinsky Scholarship
Sidney and Pauline Friedman Scholarship
Gates/Milinamow Scholarship
College Misericordia General Endowment Fund Scholarship
The Rosenn Scholarship Honoring Father William B. Hill and Sister M. William Joseph Lydon
InterMetro Scholarship
Walter Janasie Scholarship

Institutional Refund Policies

Full-time Traditional Day

When a full-time traditional student enrolled in day classes for the full 15-week semester withdraws from the College, she or he must file an official notice of withdrawal with the Dean of Students.

Full-time Non-traditional Day

When a full-time non-traditional student enrolled in day classes for the full 15-week semester withdraws from the College, she or he must file an official notice of withdrawal with the Division of Adult Education and Community Service.

Part-time Day and Once-Per Week

If a part-time student enrolled in traditional day (15-week semester) or once-per-week evening classes (15-week semester) withdraws from the College, he or she must file an official notice of withdrawal with the Division of Adult Education and Community Service.

The percentage of charges for full-time traditional day students, full-time non-traditional day students, part-time day and once-per week evening students is determined by the date that the Dean of Students or the Division of Adult Education and Community Service receives official notice of withdrawal.

Tuition, fees, room and board charges will be cancelled at the following percentage rates:

Time of Withdrawal	*Amount*
First Week	100 percent
Second Week	90 percent
Third Week	80 percent
Fourth Week	70 percent
Fifth Week	60 percent
Sixth Week	60 percent
Seventh Week	50 percent
Eighth Week	40 percent
Ninth Week	40 percent

No refunds of charges are allowed after the ninth week. There are no refunds on room deposits.

If a student receives federal Title IV funds (Federal Pell Grants, SEOG Grant, Perkins Loan, Stafford Loan and PLUS Loan), financial aid must be adjusted according to Title IV refund procedures as mandated by federal regulations, and restored to the appropriate financial aid funds. The calculation for Title IV refunds will be computed by the Financial Aid Office.

Change of Academic Status

If a student drops from full to part-time during the first two weeks of classes, adjustment to tuition charges will be made as follows:

1. The full-time tuition charges originally assessed will be reduced according to the official date on the drop/add slip from the Vice President of academic Affairs office, and by applying a percentage adjustment based on the following:

First Week	100% tuition
Second Week	75% tuition

   No adjustment will be made to tuition charges or financial aid after the second week.
2. Part-time tuition charges will then be computed by multiplying the actual number of credits being taken after the drop, by the appropriate credit charge.

Part-time Accelerated Evening

When a part-time accelerated student drops a course or withdraws from the College, official notice must be filed with the Division of Adult Education and Community Service.

Tuition and other charges will be cancelled at the following percentage rates:

Prior to the 2nd week	100 percent
Prior to the 3rd week	70 percent
Prior to the 4th week	60 percent
During 4th week	40 percent

No refund will be given after the 4th week

Weekend College

When a Weekend College student drops a course or withdraws from the College, official notice must be filed with the Division of Adult Education and Community Service. Tuition and other charges will be cancelled at the following percentage rates:

Prior to the 2nd weekend	100 percent
Prior to the 3rd weekend	70 percent
Prior to the 4th weekend	50 percent
On the 4th weekend	40 percent

No refund will be given after the 4th weekend

Summer Session I and II

Students enrolled in Summer Session I and II who drop courses or withdraw from the College must file official notice with the Division of Adult Education and Community Service. Tuition and other charges will be cancelled at the following percentage rates:

Prior to the 2nd week	100 percent
Prior to the 3rd week	70 percent
Prior to the 4th week	50 percent
During 4th week	30 percent

No refund after the 4th week

If students receive Federal Title IV funds (Federal Pell Grants, Stafford Loans, Plus Loans), financial aid must be adjusted according to Title IV refund procedures as mandated by federal regulations, and restored to the appropriate financial aid funds. The calculation of for Title IV refunds will be computed by the Financial Aid Office.

College Life

Student Activities

College Misericordia students take their total educational experience seriously. They recognize that their college experience is richer when they participate in co-curricular and extra-curricular activities which contribute to their total development.

An active Student Government Association (SGA) is the liaison between students and faculty, and between students and administration. The SGA enables students to become involved in a decision making process which affect their governance. The SGA consists of nine executive board members.

In addition to Student Government, over 25 chartered student clubs and organizations provide opportunities for personal, intellectual, and social development in a wide variety of student interests. These activities include such options as educational workshops, musical attractions, publications, performing art shows, among others.

Services offered through the Student Activities Department include leadership development programs, room orientation programs, activities information, resources for programming and fundraising, a weekly bulletin, and the semester activities calendar.

Athletics

Intercollegiate athletics for women at College Misericordia include basketball, cheerleading, cross country running, field hockey, soccer, softball, swimming, and volleyball. Men compete at the intercollegiate level in baseball, basketball, cheerleading, cross country running, golf, soccer and swimming.

Members of the student body, faculty and administration enjoy an intramural athletic program which includes co-ed flag football, soccer, basketball, volleyball, tennis, golf, and softball.

Bookstore

The campus bookstore is an academically oriented resource, where the need for, and interest in, reading and study engendered in the classroom can be supported and reinforced. It is also an on-campus source of many goods and services required by a college community. The main purpose of the campus bookstore is to provide for the sale of books and supply requirements connected with the academic programs of the college and the sale of such other supplies and services as shall be determined from time to time.

Campus Ministry

College Misericordia is a Catholic college. As such, it offers a variety of liturgical and service opportunities in which all members of the College community can express their religious faith and values. Persons of all faith denominations find the Campus Ministry Program a focus for religious, social and community service activities.

In keeping with the College's Mercy tradition of justice, service and hospitality, Campus Ministry sponsors a wide variety of programs which provide direct service to others. These programs offer students the opportunity to test their own sets of values and the chance to develop their own leadership potential.

The Commuter Council

The Commuter Council, is attentive to the needs and concerns of non-resident students. The Council addresses both the academic and social aspects of college life for commuters.

The Counseling Center

At College Misericordia, The Counseling Center remains committed to serving the campus community with the founding Religious Sisters of Mercy's values of justice, mercy, and service. The dedicated professional staff team is composed of a psychologist, counselors, therapists, and peer counselors experienced in working with the college population.

Its goal is reflected in the mission statement of College Misericordia which expresses a personal concern for each individual as a valued member of the campus community, regardless of race, color, religion, gender, disability, national origin, age, or sexual preference. Supportive services, such as individual and group counseling, seminar, personality and aptitude testing, Alcohol and Drug Self-Screening, and the Miller Analogy Test (MAT) for graduate school, are offered to undergraduates and graduate students, staff, and faculty. Workshops are conducted each semester on a variety of topics including test anxiety, relaxation, stress management, time management, and goal setting.All of our services are available free of charge to the College Misericordia community. Consultation is available free of charge to college students, faculty and staff. All contacts with the Counseling Center are strictly confidential and emphasize sensitivity toward each persons needs. Record of contacts with the Counseling Center are kept separately from a students medical records and academic records.

To schedule an appointment, call or visit the Counseling Center in the lower level of Alumnae Hall. The Telephone number is 570-674-6318. Hours are 8:30 a.m. to 4:30 p.m. Monday through Friday and evenings and weekends by appointment.

Insalaco Center for Career Development

Preparing for a successful future demands more than just obtaining a quality education. Truly successful students know that the process of career planning begins the moment they set foot on campus as first year students. The Insalaco Center for Career Development has a proven record of providing the resources and assistance necessary to turn academic achievement into career opportunity.

Recognizing that the world of work requires life-long learning, the Insalaco Center promotes the development of short-range goals as part of long-range career plans. This approach helps ensure that students build flexibility into their career plans that can adjust to their own changing attitudes and interests and the world of work they will certainly face in the future. The Center serves all Misericordia students and alumni. with our state-of-the-art career resource library, professional staff, and up-to-the minute technology, the Center is equipped to prepare students not only for employment and graduate of professional school and after graduation, but also for managing their careers throughout their lives.

In addition to coordinating the Guaranteed Placement Program, our services include:

- Individual career consultations
- The Choice Program for undeclared students
- Career Assessment
- Experiential Education (shadowing, internship, externship, part-time, and summer jobs)
- Graduate and professional school advising
- Employment skill development and training
- Recruitment services
- Study abroad advising
- Work study placements on campus
- Career resource library housing hundreds of print and technical career development resources

For more information about the Insalaco Center for Career Development, visit our office on the first floor of McAuley Hall. Phone (570) 674-6409 or e-mail careersv@miseri.edu. You can also visit us on-line at: www.miseri.edu/stulife/career/carserv.htm.

Residential Facilities

The College operates four residential facilities: Gildea Hall, McHale Hall, Alumnae Hall, and an 18 unit Townhouse complex. Gildea Hall is our newest facility, also for upperclass students, coed by unit, living in 3 or 6 person suites. McHale Hall is coed living in standard double rooms. Alumnae Hall, a coed, multipurpose residential area, is home to a Well housing program where students choose to live a substance free, healthy lifestyle. Upperclass students may choose to live in private, single rooms. The weekend college population may also rent rooms in this building for the duration of a semester. The Town Houses are for upperclass students living in self-contained units with kitchen facilities, coed by unit, each holding 6 persons.

The environment in the residential areas is one living and learning. A vital part of the student's total educational experiences is the relationship that grows from living and sharing with others in the residence halls. Resident students participate in making decisions affecting their environment, and are assisted by Resident Assistants (RAs) who act as peer counselors in all aspects of the regulation of conductive to academic achievement and personal growth. Each of the residence halls is secure, furnished with beds, desks, bureaus, and closets, and is conveniently located on campus. Each building also offers study rooms, laundry facilities, kitchenettes, cable television, phone services and recreational lounges.

The Student Health Center

The Health Center, located on the lower level of the Anderson Sports/Health Center, is directed by a Registered Nurse with a Masters Degree in Nursing Administration, who functions under the medical guidance of the college physician. The physician is on campus for Clinic hours on Monday 4:30-5:30p.m., and Thursday 12:30-1:30p.m. and is telephone available to the Director for advice and referrals during the remainder of the week. The Health Center also has two nurse practitioners on staff.

Services provided by the physician at the Health Center are free to the students. Prescription medication may be obtained at a local pharmacy, and incurred expenses may be billed to the students home address.

The Health Center is a modern state-of-the-art facility providing first aid, assessment and treatment of the common illnesses, referral for more serious health conditions, temporary care until transfer can be arranged to local medical facility, residence hall visits when appropriate, health counseling and education, maintenance of health records and assistance with student athletic insurance claims, all of which are provided at no cost to the student.

The Health Center requires a medical history, physical examination, and immunization record to be completed and submitted by all new and transfer students before the start of the student's first semester of attendance. Students enrolled in health science majors (Nursing, Physical Therapy, Occupational Therapy, and Radiography) have additional yearly requirements as mandated by their respective divisions.

Students requiring hospitalization, or those afflicted with acute or long term, illness that requires several days in bed and restriction from class, will be required to return to their homes at the discretion of the College physician and Director of the Health Center until activity and class attendance can be resumed.

The Health Center's self-care room is designee as a teaching model to encourage independence in the student population. Brochures and educational displays, and video are available for student instruction. Limited over the counter medication are available free of charge.

All full-time students are required to enroll in a college health insurance plan OR provide xeroxed proof of membership coverage in their parents health insurance plan. Information on a College health insurance plan is available at the office of the Dean of Students.

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Fall 1999

Wednesday	August 25	Orientation for new faculty
Thursday	August 26	Opening faculty meeting/division chairs
Friday	August 27	Faculty division meetings
Friday, Sat, Sun	August 27, 28, 29	Freshman orientation
Friday	August 27	Fall convocation
Sunday	August 29	All college check-in
Monday	August 30	First day of classes all students
Friday	September 3	Add period ends 4:30
Monday	September 6	Labor day; no day or evening classes
Tuesday	September 7	Classes resume 8:00 a.m.
Friday	September 24	Drop period ends 4:30 p.m.
Friday	October 1	Last day to withdraw from courses without academic penalty
Monday	October 11	Fall recess
Tuesday	October 12	Classes resume 8:00 a.m.
Tues–Mon	October 12–8	Mid-term exams
Wednesday	October 20	Mid-term grades due 8:30 a.m.
Mon–Fri	November 1–5	Advisement week
Monday	November 8–12	Registration spring 1999
Tuesday	November 23	Follow monday class schedule
Wednesday	November 24–28	Thanksgiving recess
Monday	November 29	Classes resume 8:00 a.m.
Friday	December 10	Last day of classes
Mon–Sat	December 13–18	Final examinations
Monday	December 20	Grades due 8:30 a.m.

Spring 2000

Monday	January 17	First day of classes for all students
Monday	January 21	Add periods ends 4:30 p.m.
Friday	January 28	Last day to remove incompletes from fall 1999
Friday	February 11	Drop period ends 4:30 p.m.
Friday	February 18	Last day to withdraw without academic penalty
Mon–Fri	Feb 28–Mar 3	Mid term exams
Monday	March 13	Classes resume 8:00 a.m.
Mon–Fri	March 27–31	Advisement week
Mon–Fri	April 20–24	Easter recess
Tuesday	May 2	Follow Thursday class schedule
Wednesday	May 3	Last day of classes ; Follow Friday class schedule
Thursday	May 4	Study day
Fri–Fri	May 5–12	Final examinations
Monday	May 15	Final grades due 8:30 a.m.
Saturday	May 20	Baccalaureate and commencement

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